



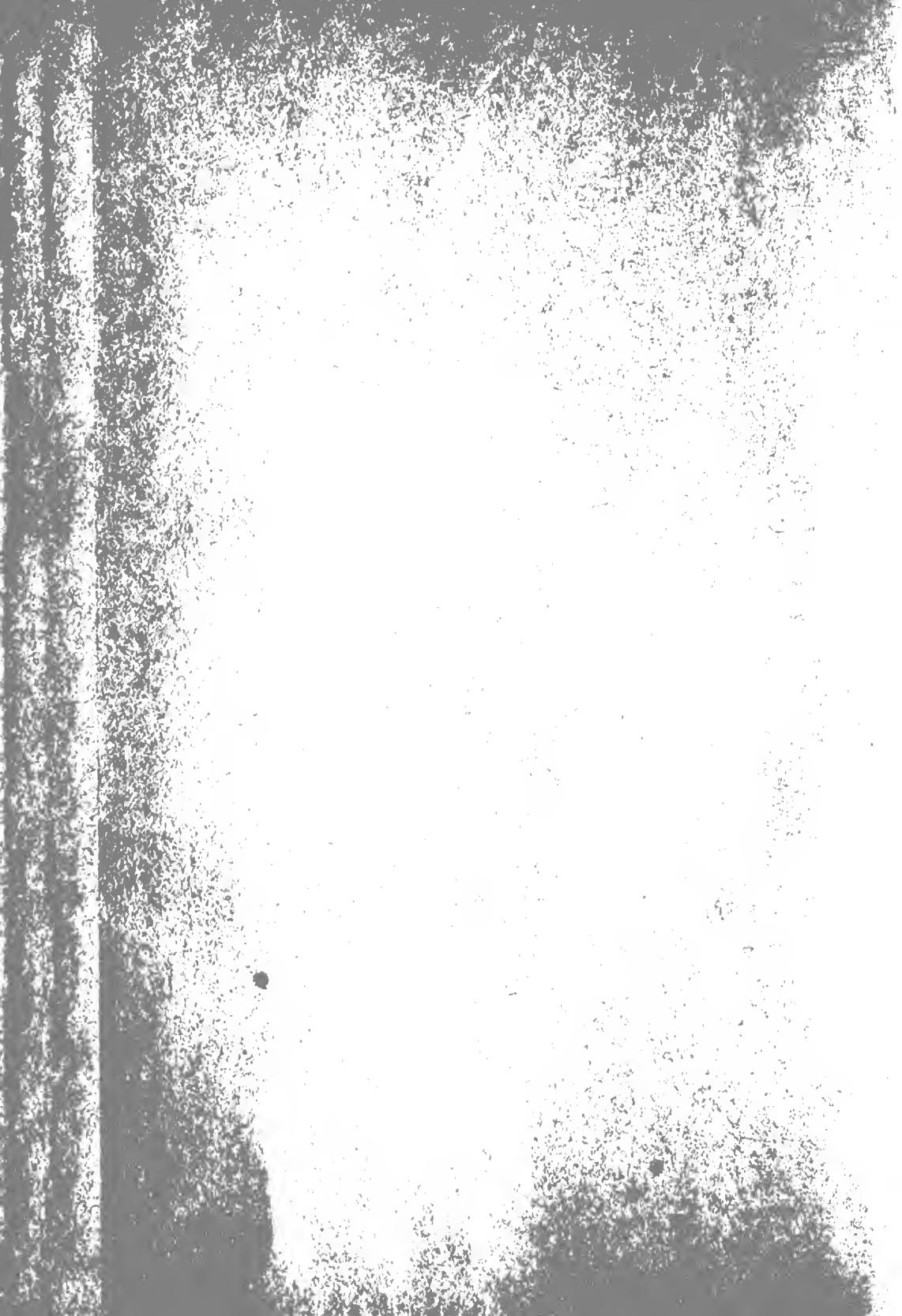
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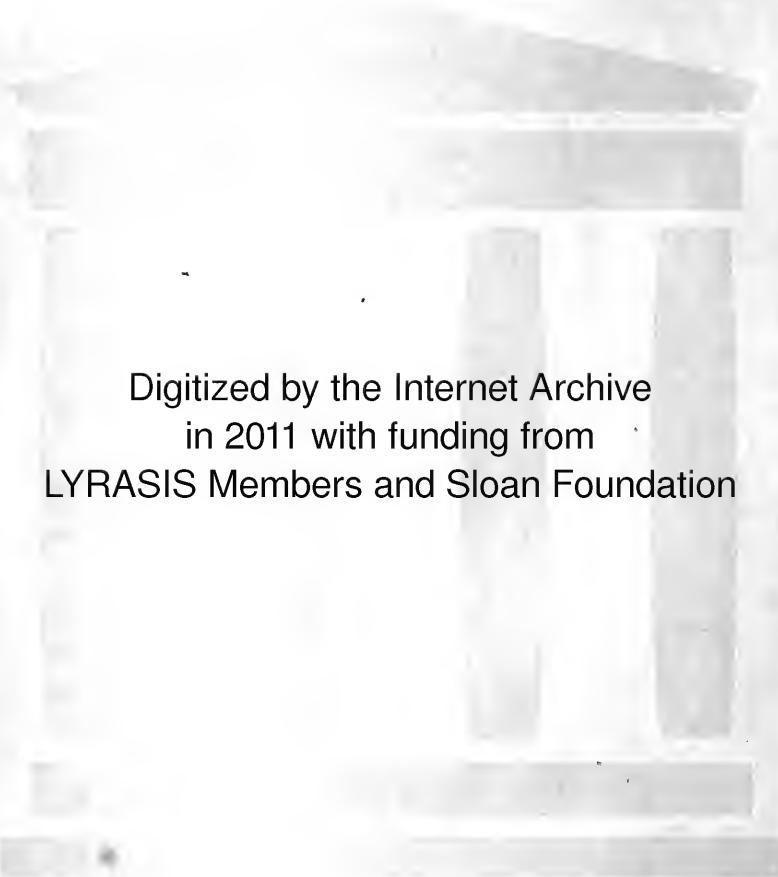
THE COLLEGE

ACCESSION NO. 154102









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HAVERFORD COLLEGE DIRECTORY—1940-1941

HAVERFORD COLLEGE BULLETIN

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No. 1

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FACULTY, OFFICERS, ETC.

Name		Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Allendoerfer, Carl B.	791	College Avenue	5426
Atteberry, Robert William		Graduate House	2195
Babbitt, Dr. James A.		Tunbridge and Blakely Rds.	50
**Bernheimer, Richard M.	225	Roberts Rd., Bryn Mawr	..... Bryn Mawr 1427 W
Betz, Ebon E.		Founders Hall, East	564
Blanc-Roos, René	A-3	Dreycott Apts.	2158 M
Blanshard, Brand	513	Ogden Ave., Swarthmore, Pa.	..... Swarthmore 2373
Brown, Henry Tatnall, Jr.	1	College Lane	1222
Bushnell, Joseph, 3rd	3019	Midvale Ave., Philadelphia, Pa.	Germantown 0665
Cadbury, William Edward, Jr.		Graduate House	1779 W
Clement, Charles A.		Woodside Cottage	3109 J
Clement, Wilmer B.		Founders Hall, East	564
Comfort, Howard	5	College Circle	3732
Comfort, William W.		South Walton Road	455
Coppock, J. D.		Haverford College	754
Docherty, William, Jr.	2	Pennstone Road, Bryn Mawr, Pa.	..... Bryn Mawr 1534
Drake, Thomas E.		Rugby Road, Haverford	..... Bryn Mawr 2662
Dunn, Emmett R.	748	Boulevard, Brookline, Upper Darby P.O., Pa.	..... Hilltop 2043
Evans, Arlington	324	Canterbury Lane, St. Davids, Pa.	Wayne 2449 J
**Fetter, Frank Whitson		Warwick Rd. and Cotswold Lane, Wynnewood, Pa.	..... Wynnewood 1404
FitzGerald, Alan S.		College Avenue	4409 W
Flight, J. W.	753	c/o Penn Mutual Life Insur- ance Co., 6th & Walnut Streets, Philadelphia, Pa.	..... Lom. 7300
Gentle, James		Dreycott Lane	3031
Gerig, Benjamin	1	Founders Hall, East	564
Gibb, Thomas C.		Apt. B-207, Shirley Court, Up- per Darby, Pa.	..... Boulevard 1307 W
Gummere, Henry V.		Boulevard	..... Tenmore Road, Bryn Mawr 1235 W
Haddleton, A. W.	29	Drayton Lane, Penn Wynne, Pa.	..... 1254 M
Henry, H. K.	1464	College Lane	364
Herndon, John G.		College Avenue	4393 W
Hetzell, Theodore B.	768	College Lane	195 W
Holmes, Clayton W.		College Circle	..... 1312
**Hotson, J. Leslie			

** Absent on leave, second semester, 1940-41.

Name		Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Johnston, Robert J.		Woodside Cottage.....	3725
Jones, Rufus M.	2	College Circle.....	2777
Jones, Thomas O.		Founders Hall, East.....	2396
Kelly, John A.	3	College Lane.....	4160
Kelly, Thomas R.	791	College Avenue.....	203 R
Kolb, Harry John.		Graduate House.....	2195
Lafford, Lindsay A.		Thornbrook Manor..... Apt. 303, Montgomery Avenue, Bryn Mawr, Pa. Bryn Mawr 1535	
Laughlin, J. S.		Founders Hall, East.....	564
Lockwood, Dean P.	6	College Circle.....	1402 J
Lunt, William E.	5	College Lane.....	1507 W
MacIntosh, Archibald.	741	Millbrook Lane.....	961
Mandelbaum, Maurice H.	513	Elm Avenue, Swarthmore, Pa.	Swarthmore 1076 R
Melchior, Montfort V.	612	Montgomery Avenue, Bryn Mawr, Pa. Bryn Mawr	2283 W
Meldrum, William B.	747	College Avenue.....	881 J
Montgomery, George.	6124	Columbia Ave., Overbrook, Pa.	Greenwood 7811
Morley, Felix.	1	College Circle.....	4712
*Oakley, Cletus O.		Featherbed Lane.....	3109 W
Palmer, Frederic, Jr.	7	College Lane.....	97 R
Pfund, Harry W.	637	Walnut Lane.....	5532
Post, Amy L.	C-3	Dreycott Apts.....	1643 W
Post, L. Arnold.	9	College Lane.....	258 M
Pratt, Henry S.	4	College Circle.....	870 J
Randall, Roy E.	3	College Lane.....	195 J
Rantz, J. Otto.	2122	Chestnut Ave., Ardmore, Pa.	Berwyn 449 W
Reitzel, William		Orchard Way, Berwyn, Pa.	
Rittenhouse, Leon H.	6	College Lane.....	5522
Snyder, Edward D.	36	Railroad Avenue.....	712
†Steere, Douglas V.	739	College Avenue.....	162 J
Sutton, Richard M.	785	College Ave., facing Walton Road.....	4155 W
Swann, Alfred J.	612	N. Chester Road, Swarthmore, Pa.	Swarthmore 2232 W
Taylor, Dr. Herbert W.	457	Lancaster Avenue.....	2383
Teaf, Howard Morris, Jr.	207	W. Plumstead Ave., Lans- down, Pa. Madison 4297 J	
Watson, Frank D.	773	College Avenue.....	2937
Williamson, Alexander Jardine.	4	College Lane.....	4023
Wills, William Mintzer	342	Merion Road, Merion, Pa.	Merion 521
Wilson, Albert H.	765	College Avenue.....	1853

* Absent on leave, first semester, 1940-41.

† Absent on leave, 1940-41.

COLLEGE OFFICE AND BUILDING TELEPHONES*

Alumni Office, Joseph Bushnell, 3rd, Secretary, Haverford Union	4338
Barclay Hall, North	439
Barclay Hall, South	2993
Barclay Hall, Centre	68
Business Office, W. M. Wills, Bursar	221
Dean, H. Tatnall Brown, Jr.	1441
Dean of Freshmen in Charge of Admissions, A. MacIntosh	1441
Founders Hall, East	564
Founders Hall, Dormitory	1939
Founders Hall, Kitchen	2991
Graduate House	2195
Gymnasium	754
Haverford News	4827
Hilles Laboratory of Applied Science (Engineering)	1670
Library	767
Lloyd Hall, Rooms 5-12	1444
Lloyd Hall, Rooms 13-22	1427
Lloyd Hall, Rooms 23-38	2981
Lyman Beecher Hall Chemistry Laboratory	387
Merion Hall	267
Merion Hall Annex	
Morris Infirmary	763
President, Felix Morley	221
Power House	988
Research Laboratory, Alan S. FitzGerald, Director	5092
Sharpless Hall (Physics and Biology)	950
Skating Pond	389
Steward, Charles A. Clement	2942
Supt. of Buildings and Grounds, R. J. Johnston	2942

* Ardmore Exchange.

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room: Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Center; Bs, for Barclay Hall, South; F, for Founders Hall; G, for Graduate House; L, for Lloyd Hall; M, for Merion Hall; U, for Haverford Union; D, for day student. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
ATTEBERRY, ROBERT WILLIAM (B.S., Beloit College, 1940).....	(Chemistry) 405 Alexander Blvd., Elmhurst, Ill.	G
EDGERTON, JESSE WILBERT (B.S., Guilford College, 1940).....	(Mathematics) Route 2, Pikeville, N. C.	G
GIBB, THOMAS C. (A.B., Dickinson College, 1938).....	(English) Shanghai, China	F
HARLEY, ROBERT BRUCE (A.B., William Penn College, 1940)....	(History) 524 N. 4th St., Oskaloosa, Ia.	G
JOHNSTON, LESLIE (A.B., University of Durham, 1936).....	(Government) 9 Argyle Terrace, Newbiggin-by-Sea, England (Living at Pendle Hill, 1940-41)	
KOLB, HARRY JOHN (B.S., Hamilton College, 1940). (Chemistry)	100 Wardman Road, Kenmore, N. Y.	G
LAUGHLIN, J. S. (A.B., Willamette University, 1940)....	(Physics) 1705 Court Street, Salem, Oregon	G
LEE, SHIU-KEUNG (A.B., Lingnan University, 1932)....	(History) 4 Beautiful Terrace, Bonham Rd., Hong Kong, China	G
POUSH, ROBERT RAYMOND (A.B., William Penn College, 1939)....	(History) 209 N. 8th St., Oskaloosa, Ia.	G
SCHULTZ, KARL VICTOR (A.B., Bluffton College, 1940).....	(Economics) 246 Lawn Ave., Bluffton, Ohio (Living at Pendle Hill, 1940-41)	
SIELOFF, ROBERT VERNON (A.B., Pacific College, 1940).....	(Sociology) 713 N. Main St., Newberg, Ore.	G
TALBOT, GILBERT PARRY (A.B., Haverford College, 1939)....	(Chemistry) Virginia Ave. and Walnut Street, West Chester, Pa.	D
WEISKEL, FRANK MILTON (A.B., Muhlenberg College, 1940)....	(Philosophy) 922 S. 6th St., Allentown, Pa. (Living at Pendle Hill, 1940-41)	

SENIOR CLASS—1941

ADLER, FRANCIS ERDMAN.....	(English) Huron Lane, Chestnut Hill, Philadelphia, Pa.	23 L
ALLINSON, EDWARD PAGE, JR.....	(Economics) Town's End Farm, West Chester, Pa.	26 L
ANDRUS, STEPHEN BOURNE.....	(Chemistry) 1903 Girard Avenue, South, Minneapolis, Minn.	14 F
ARNOLD, DAVID BARRETT.....	(French) 128 Bard Avenue, West Brighton, S. I., N. Y.	33 L
ARTHUR, ROBERT PALMER.....	(German) 637 Walnut Street, McKeesport, Pa.	D
ASHBROOK, ARTHUR GARWOOD, JR.....	(Economics) 88 Admiral Dewey Avenue, Ingram, Crafton P. O., Pa.	37 Bc

Name	Home Address	College Address
BLACKWELL, HAROLD RICHARD.....	(Philosophy) 108 Pinehurst Avenue, Salisbury, Md.	37 L
BLUM, HOWARD LOURIA.....	(Chemistry) 911 Park Avenue, New York, N. Y.	25 L
BOLSTER, RICHARD HAWKS, II.....	(Biology) Littlebrook Road, Berwyn, Pa.	D
BOTELHO, EUGENE EVANS.....	(Biblical Literature) 19 Louella Court, Wayne, Pa.	D
BOYER, DANIEL B., JR.....	(Government) Boyertown, Pa.	36 L
BRANSON, ALBERT DELANO.....	(Economics) 38 N. 51st Street, Philadelphia, Pa.	37 Bc
BUTTRICK, JOHN ARTHUR.....	(Economics) 21 E. 79th Street, New York, N. Y.	28 L
CHAMBERS, TORRENCE HARRISON.....	(Engineering) 116 Ardmore Avenue, Ardmore, Pa.	D
CHESTNUT, DAVID THOMAS.....	(French) 659 Rector Street, Roxborough, Philadelphia, Pa.	D
CLARK, JOHN BURT.....	(Chemistry) 4638 S. Fremont Avenue, Minneapolis, Minn.	29 L
CLEMENT, HERBERT LEE.....	(Sociology) 506 Essex Avenue, Narberth, Pa.	D
CORNMAN, HENRY DENNIS.....	(Chemistry) Gladwyne, Pa.	D
DAVIS, HUNT.....	(Engineering) 1412 Twentieth Street, Rock Island, Ill.	35 L
DICKSON, ROBERT BRUCE.....	(Mathematics) 908 Andrews Avenue, Collingdale, Pa.	D
DORSEY, JOHN WORTHINGTON.....	(Engineering) 36 Huffman Avenue, Washington, Pa.	34 L
ENGELHARDT, EDWARD LOUIS.....	(Chemistry) 100 Maple Avenue, Narberth, Pa.	D
EVANS, CHRISTOPHER.....	(Biology) Awbury, Germantown, Philadelphia, Pa.	24 L
EVANS, ROBERT WHITESIDE, JR.....	(Government) 239 Walnut Street, Pottstown, Pa.	38 L
EVERT, ROBERT NASH.....	(Chemistry) 256 Prospect Drive, Glendive, Mont.	38 Bc
EWING, GERRIT LOOS.....	(English) 11 Vista Place, Red Bank, N. J.	27 L
FINGER, LOUIS JUDAH.....	(History) 2305 Harrison Street, Wilmington, Del.	40 Bc
FOLWELL, ROBERT COOK, 3d.....	(Biology) Mullica Hill, New Jersey	6 F
GARMEY, JOHN DAVID.....	(English) 7614 Colonial Road, Brooklyn, N. Y.	44 Bc
GIFFORD, PHILIP COLLINS, JR.....	(Sociology) 468 Hope Street, Providence, R. I.	12 F
GROSHOLZ, EDWIN DEHAVEN.....	(Government) 112 Schoolhouse Lane, Ardmore, Pa.	D
HAWLEY, JOHN CHADWICK.....	(French) American Consular Service, Oporto, Portugal	14 M
HECHT, ROBERT EMANUEL, JR.....	(Latin) 3505 North Calvert Street, Baltimore, Md.	12 M
HEMPHILL, GEOFFREY.....	(Biology) 243 N. Mountain Avenue, Upper Montclair, N. J.	44 Bc
HIBBARD, JOHN BARR.....	(Philosophy) 1816 Chicago Avenue, Evanston, Ill.	43 Bc
HOLMES, HENRY KELMAN.....	(Philosophy) 3430 81st Street, Jackson Heights, N. Y.	15 F
INGLIS, ANDREW FRANKLIN.....	(Physics) Pellston, Mich.	1 F

Name	Home Address	College Address
KENT, ROGER BETTS.....	(Philosophy) 1904 Lauderdale Road, Louisville, Ky.	26 L
KING, BENTON DAVIS.....	(Chemistry) 357 Sylvan Street, Rutherford, N. J.	28 L
LIDDELL, WILLIAM ANDREW, JR.....	(History) 4628 23rd Road North, Arlington, Va.	24 L
LITTLE, THOMAS.....	(English) Ashburnham, Mass.	44 Bc
LONG, JAN WINSTON.....	(Biology) 433 W. 21st Street, New York, N. Y.	11 F
LONGLEY, JAMES BAIRD.....	(Biology) 150 W. Lanvale Street, Baltimore, Md.	11 M
MCNEILL, JOHN REID.....	(Chemistry) 239 W. 8th Street, Erie, Pa.	23 L
MILLER, WILLIAM KELLER.....	(Economics) 2033 Willemore Avenue, Springfield, Ill.	30 L
MORIAN, TUCKER FRAZER.....	(Economics) 506 Anthwyn Road, Merion, Pa.	30 F
MOSELEY, MERRITT WAYNE.....	(Economics) 1705 Ridge Avenue, Evanston, Ill.	29 L
MOSSE, GEORGE L.....	(History) Happy Valley Road, Box No. 547, Lafayette, R.F.D., Calif.	13 M
MURPHY, SAMUEL MILLARD, JR.....	(Chemistry) 29 Bellair Driveway, Dobbs Ferry, N. Y.	38 Bc
NAPIER, ARTHUR HOWELL, JR.....	(Sociology) 503 E. Willow Grove Avenue, Chestnut Hill, Philadelphia, Pa.	27 L
NEAL, J. PHILIP.....	(Biology) 106 N. 34th Street, Philadelphia, Pa.	13 F
NEWHALL, WILLIAM FREEMAN.....	(Chemistry) 36 Tenmore Road, Haverford, Pa.	D
PILE, WILSON HUNT.....	(Engineering) 622 S. 42nd Street, Philadelphia, Pa.	25 L
ROWLAND, PAUL CHARLES.....	(Economics) Columbia, Conn.	36 L
SCHEFFER, EDWARD RHEINARD.....	(Chemistry) 2508 E. Stratford Court, Milwaukee, Wis.	38 L
SIMMONS, WILFRID LEE.....	(History) Box 10, Hebron, N. H.	19 F
SMITH, HENRY AUGUSTINE, JR.....	(Biology) 26 Rockledge Road, Newton Highlands, Mass.	37 L
SMITH, MALCOLM KINMONTH, JR.....	(Sociology) 22 Madison Avenue, Morristown, N. J.	12 M
SMITH, ROBERT HENRY.....	(Economics) 14901 Lake Avenue, Lakewood, Ohio	32 L
SNIPES, SAMUEL MOON.....	(Economics) Lincoln Highway, Morrisville, Pa.	30 F
SOLIS-COHEN, LEON, JR.....	(Government) 906 69th Avenue, Philadelphia, Pa.	70 Bn
STAINTON, WILLIAM WHITFIELD.....	(Government) 2946 Berkley Road, Ardmore, Pa.	D
STROHL, G. RALPH, JR.....	(Mathematics) 24 E. Clearfield Road, Oakmont, Upper Darby, Pa.	D
STUART, HARRY HARLAN.....	(Engineering) 161 N. June Street, Los Angeles, Calif.	38 Bc
SWAN, GEORGE MYRON, JR.....	(Philosophy) 1325 Inverness Street, Pittsburgh, Pa.	10 Bs
SWIGERT, JOHN BRUCE.....	(Economics) 418 Birdwood Avenue, Haddonfield, N. J.	D
VELTE, WILLIAM ELKANAH.....	(German) 340 W. 7th Street, Chester, Pa.	10 F

Name	Home Address	College Address
VOGT, ROY SCHOPPAUL.....	(History) 90 Prospect Hill Avenue, Summit, N. J.	33 L
WAGNER, LANSING PRAY.....	(Biology) 108 Holden Green, Cambridge, Mass.	9 F
WATSON, WILLIAM ROBERTSON, JR.....	(Economics) Griffin Lane, Haverford, Pa.	43 Bc
WEBB, JOHN LONGANECKER, JR.....	(Engineering) 500 Baird Road, Merion, Pa.	30 F
WEYERBACHER, KENNETH WILLIAM.....	(History) 20 Degonia Road, Boonville, Ind.	23 F
WILLIS, JAMES MOORE.....	(Economics) 1 Indian Chase Drive, Greenwich, Conn.	34 L
WILSON, DAVID RYDER.....	(English) Palenville, N.Y.	17 M
WINSLOW, ROBERT GAREY.....	(Chemistry) 1902 Mt. Royal Terrace, Baltimore, Md.	17 Bs
WRIGHT, KENNETH ALDRO.....	(Physics) 2134 Wyoming Avenue, N. W., Washington, D. C.	30 L
ZIEGLER, HOWARD EDWARD, JR.....	(History) 855 Montgomery Avenue, Narberth, Pa.	D

JUNIOR CLASS—1942

ABBOTT, CHARLES CONRAD.....	(Biology) R. D. 2, Bristol, Pa.	4 F
ADDOMS, JAMES NEAL.....	(Chemistry) 864 Park Place, Brooklyn, N. Y.	15 L
ALDRIDGE, GEORGE LEWIS.....	(Economics) 401 Stiles Avenue, Maple Shade, N. J.	120 M
ANDERSON, WARREN DEWITT.....	(Latin) 537 45th Street, Brooklyn, N. Y.	3 F
BAUER, RICHARD DEMME.....	(German) Alden Park Manor, Philadelphia, Pa.	115 M
BEDROSSIAN, E. HOWARD.....	(Chemistry) 4501 State Road, Drexel Hill, Pa.	D
BELL, EDGAR DAWSON, JR.....	(Government) Clearview Road, Ingomar, Pa.	31 L
BRODHEAD, BICKLEY BURNS.....	(Biblical Literature) 340 W. State Street, Media, Pa.	42 Bc
BROUS, NORMAN SCATTERGOOD.....	(Mathematics) 254 High Street, Germantown, Philadelphia, Pa.	D
BROWN, KNOX.....	(History) 404 S. Linden Avenue, Pittsburgh, Pa.	13 Bs
BROWN, RICHARD WILLITS.....	(Chemistry) Downington, Pa.	23 Bs
BURFORD, NOBLE ALBERT, JR.....	(Sociology) 42 Hill Road, Louisville, Ky.	22 Bs
CADBURY, THOMAS LLOYD.....	(Biology) 12 High Street, Moorestown, N. J.	6 M
CHILDS, ELEAZER EDWARDS.....	(Chemistry) 8 Brattle Road, Syracuse, N. Y.	22 Bs
CLARK, JOHN ARTHUR.....	(History) 250 N. Mountain Avenue, Montclair, N. J.	41 Bc
COCHRAN, THOMAS CUNNINGHAM, JR.....	(Economics) 206 S. Pitt Street, Mercer, Pa.	31 L
DORIAN, ALAN LLOYD.....	(Biology) 4801 Connecticut Avenue, Washington, D. C.	22 L
DUNHAM, ROBERT WILMER.....	(Engineering) 6863 N. 19th Street, Philadelphia, Pa.	41 Bc
DYE, ROY AUGUSTUS, JR.....	(History) 111 Milton Street, Aliquippa, Pa.	113 M

Name	Home Address	College Address
ELLIOTT, JOHN YOUNG.....	(English) Alderson—Broaddus College, Philippi, W. Va.	42 Bc
EMERY, DAVID AMOS.....	(Philosophy) 919 Creston Avenue, Des Moines, Iowa	35 L
EMERY, EDGAR R.....	(English) Schuylkill and Butler Aves., Norristown, Pa.	D
EVANS, ARTHUR.....	(Chemistry) Awbury, Germantown, Philadelphia, Pa.	19 L
FALCONER, WALTER CROSS.....	(History) 170 Pine Street, East Aurora, N. Y.	112 M
FARQUHAR, JOHN DENNEY.....	(Chemistry) 602 Second Street, California, Pa.	15 L
FLACCUS, EDWARD.....	(Biology) 109 Bryn Mawr Avenue, Lansdowne, Pa.	21 L
FLICK, JOHN BERNHARD, JR.....	(Chemistry) 629 Gulph Road, Bryn Mawr, Pa.	D
FOREMAN, KENNETH JOSEPH, JR.....	(English) Davidson, N. C.	16 F
FOX, DAVID SHARPLESS.....	(Chemistry) 5617 Dorchester Avenue, Chicago, Ill.	21 Bs
FRANZEN, WOLFGANG.....	(Physics) 155 E. 22nd Street, New York, N. Y.	11 Bs
FRAZIER, JOHN JORY.....	(Chemistry) 14 West Avenue, Bridgeton, N. J.	25 Bc
FUST, JOHN ABERCROMBIE.....	(Chemistry) 231 W. 7th Street, Erie, Pa.	8 M
GARY, JAMES FREDRICK.....	(Chemistry) 300 Yale Avenue, Swarthmore, Pa.	6 M
GREER, CLIFFORD KIRK.....	(Biblical Literature) 6917 Sherman Street, Philadelphia, Pa.	D
GRIER, LOUIS NORMAN, JR.....	(History) 6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	19 L
GUENTHER, JACOB JARDEN, JR.....	(English) 510 Chester Road, Swarthmore, Pa.	5 F
HAMBIDGE, GOVE, JR.....	(Biology) 310 Rosemary Street, Chevy Chase, Md.	21 F
HARPER, HEBER REECE.....	(History) 223 Dalzell Avenue, Ben Avon, Pittsburgh, Pa.	24 Bs
HARRINGTON, EDWIN.....	(History) Sheaff Lane, Whitemarsh, Pa.	21 Bs
HASTINGS, FRANK WILLARD.....	(Chemistry) 45 E. Church Road, Elkins Park, Pa.	21 F
HAWORTH, TIMOTHY PEYTON.....	(English) Brookside Road, Wallingford, Pa.	22 L
HOWE, GORDON WALTER.....	(Chemistry) 7 Crandall Street, Adams, Mass.	21 L
HSU, TA CHUN.....	(Economics) c/o Chinese Embassy, Washington, D. C.	14 M
JOHNSTONE, HENRY WEBB, JR.....	(Philosophy) Delwick Lane, Short Hills, N. J.	13 Bs
JONES, THOMAS CANBY.....	(History) 1033 17th Avenue, N., Nashville, Tenn.	19 L
KAY, RICHARD.....	(Chemistry) 600 W. Olney Avenue, Philadelphia, Pa.	15 L
KIRKPATRICK, MALCOLM SUYDAM.....	(Sociology) Forsgate Drive, Jamesburg, N. J.	23 Bs
LAWRENCE, LINWOOD THEODORE, JR.....	(Chemistry) 210 W. Mt. Pleasant Avenue, Philadelphia, Pa.	25 Bc
LEWIS, GEORGE CAMPBELL, JR.....	(Chemistry) 812 Summit Grove Avenue, Bryn Mawr, Pa.	D
MAGILL, JAMES PHINEAS, 2ND.....	(English) 117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	8 M

Name	Home Address	College Address
MCGANN, MALCOLM HOBART, JR.	62 King Street, Reading, Mass.	2 F
MCLELLAN, PHILIP FLETCHER	Martin and Old Railroad Avenues, Bryn Mawr, Pa.	D
MELDRUM, WILLIAM BUELL, JR.	747 College Avenue, Haverford, Pa.	D
MILLER, ROBERT EVERETT, JR.	2033 Willemoore Avenue, Springfield, Ill.	120 M
NICHOLS, CLYDE KINGSLEY, JR.	County Street, Rehoboth, Mass.	D
O'CONNOR, PAUL RADELL	2629 N. Maryland, Milwaukee, Wis.	20 L
OLSON, CHARLES ALEXANDER, JR.	301 E. 21st Street, New York, N. Y.	120 M
OULAHAN, GEORGE McCALL COURTS	3212 Reservoir Road, Washington, D. C.	22 L
POOLE, DAVID MANCHESTER	8 De Bary Place, Summit, N. J.	20 L
RHODIN, THOR N., JR.	543 E. 9th Street, Brooklyn, N. Y.	D
ROBERTS, KENNETH STOKES	201 Chestnut Street, Moorestown, N. J.	21 L
SAXER, LEWIS PAUL	4631 Lancaster Avenue, Philadelphia, Pa.	D
SCHAFFER, CHARLES DAVID	30 N. 8th Street, Allentown, Pa.	72 Bn
SENSENIG, DAVID MARTIN	309 Bangor Road, Bala-Cynwyd, Pa.	D
SKERRETT, W. HENRY W., JR.	Wayne, Pa.	D
SPAULDING, DONALD CHAPMAN	18 N. 23rd Street, Camp Hill, Pa.	15 M
STARR, ROBERT WALTER, 3RD	124 Decatur Street, Cape May, N. J.	20 F
STRAUSBAUGH, ROBERT NELSON	2679 W. Broad Street, Columbus, Ohio	20 L
SWEETSER, FRANKLIN PRATT	408 Merion Place, Merion, Pa.	24 Bs
SZERLIP, EUGENE POOLE	43 Shepard Avenue, Newark, N. J.	D
THOMPSON, DAVID CLARK	51 Church Street, East, Bloomfield, N. J.	120 M
THOMSON, JOHN DARSIE	5850 Fifth Avenue, Pittsburgh, Pa.	71 Bn
WARNER, GEORGE THOMAS	4037 Michigan Ave., Kansas City, Mo.	110 M
WEAVER, DANCY GRAY	238 Grove Street, Westfield, N. J.	17 F
WISE, JOHN HICE	21 S. 26th Street, Camp Hill, Pa.	4 M
WORRALL, WINFIELD SCOTT	Newtown Square, Pa.	7 M

SOPHOMORE CLASS—1943

ADDOMS, JEREMY	864 Park Place, Brooklyn, N. Y.	7 L
ALLEN, JOHN M.	2861 Lee Road, Shaker Hts., Ohio	62 Bn
ANDERSON, EUGENE E., JR.	Sharon, Pa.	30 Bc

Name	Home Address	College Address
BAKER, DOUGLAS H.....	17 Washington Street, Middlebury, Vt.	28 Bc
BELL, ARTHUR H.....	Milton, Ulster Co., N. Y.	31 Bc
BOWMAN, MURDOCK S.....	414 E. 52nd Street, New York, N. Y.	32 Bc
BROWN, JARED S.....	Mercersburg, Pa.	7 F
BROWN, MARVIN L., JR.....	478 Manheim Street, Philadelphia, Pa.	63 Bn
CADBURY, CHRISTOPHER J.....	7 Buckingham Place, Cambridge, Mass.	2 L
COFFIN, TRISTRAM P.....	Box 89, Edgewood Farm, Wakefield, R. I.	4 L
COOLIDGE, DAVID A.....	1127 Kensington Road, Grosse Pointe Park, Mich.	69 Bn
COPE, PAUL M.....	151 S. Pennsylvania Avenue, Atlantic City, N. J.	4 L
DEWALD, JEFF.....	277 West End Avenue, New York, N. Y.	32 Bc
ECKFELDT, THOMAS H., 3d.....	62 Bond Street, Fitchburg, Mass.	103 M
ELWELL, JACQUE SPENCER.....	230 Bonnie Brae Avenue, Rochester, N. Y.	7 L
ENCK, JOHN J.....	15 Front Street, Lititz, Pa.	1 L
EVANS, J. MORRIS.....	Awbury, Germantown, Philadelphia, Pa.	14 L
FERRIS, SUMNER W.....	Governors Island, New York, N. Y.	14 L
FITZGERALD, G. HOBART.....	Hotel Gramatan, Bronxville, N. Y.	101 M
GAENSLER, EDWARD A.....	317 Linden Lane, Merion, Pa.	D
GILBERT, J. BRYSON.....	Bethlehem Pike and Church Road, Whitemarsh, Pa.	29 Bc
GILMOUR, GEORGE J.....	6616 Woodland Avenue, Philadelphia, Pa.	D
GRALA, WILLIAM L., JR.....	101 N. Church Street, Hazleton, Pa.	5 L
HALL, HARRY S.....	4936 N. 16th Street, Philadelphia, Pa.	8 L
HALLETT, DOUGLAS R.....	324 Forest Avenue, Ben Avon, Pittsburgh, Pa.	29 Bc
HAMILL, JAMES.....	Box 29, Livermore, Calif.	1 Bs
HARRIS, WILLIAM M.....	32 Portsmouth Terrace, Rochester, N. Y.	19 Bs
HERMAN, JOHN F., JR.....	Gordonville, Pa.	2 Bs
HILL, JOHN F.....	3415 Porter Street, N.W., Washington, D.C.	66 Bn
HOGNESS, JOHN R.....	5758 Blackstone Avenue, Chicago, Ill.	13 L
HOWE, BYRON E., JR.....	7 Crandall Street, Adams, Mass.	14 L
HUNTER, HOLLAND.....	1419 Hudson Avenue, Chicago, Ill.	30 Bc
JOHNSTON, FRANK DALLAS.....	1432 Columbus Avenue, Pittsburgh, Pa.	12 Bs
KIBBEE, LEWIS CROSSETT.....	47 Crafts Road, Chestnut Hill, Mass.	20 Bs

Name	Home Address	College Address
KIRK, DAVID B.....	Mill Hall, Pa.	3 Bs
KNOWLAND, WILLIAM EDWARD.....	120 Monterey Avenue, Pelham, N. Y.	8 L
KRIEBEL, HOWARD B.....	Moylan, Pa.	2 L
LEE, EDMUND J.....	518 E. Auburn Avenue, Chestnut Hill, Philadelphia, Pa.	3 L
LEVINTOW, LEON.....	5749 N. Fairhill Street, Philadelphia, Pa.	26 Bc
LIPPINCOTT, H. MATHER, JR.....	East Lane, Chestnut Hill, Philadelphia, Pa.	3 L
LITTLE, ELLIS F.....	65 Nunda Boulevard, Rochester, N. Y.	32 Bc
LUTZ, HOWARD T. B.....	318 N. Lansdowne Avenue, Lansdowne, Pa.	8 F
LYMAN, RUSSELL M.....	2101 N. Van Buren Street, Wilmington, Del.	5 Bs
MACCRATE, ROBERT.....	134 Milton Street, Brooklyn, N. Y.	13 L
MARSH, JOHN C.....	48 Hillcrest Road, Windsor, Conn.	3 L
MASON, AVREL.....	640 Rahway Road, Westfield, N. J.	35 Bc
MEADER, JOHN H.....	17 Colonial Avenue, Moorestown, N. J.	34 Bc
MOON, JOHN M.....	31 Penarth Road, Bala-Cynwyd, Pa.	31 Bc
MORSE, GEORGE FOXCROFT.....	74 Fernwood Road, Hamden, Conn.	11 L
NEWELL, STERLING, JR.....	17845 Lake Road, Lakewood, Ohio	13 L
OTTO, FRANK K.....	2116 Kalorama Road, Washington, D. C.	5 L
PETERKIN, NORMAN.....	175 Cooper Avenue, Montclair, N. J.	26 Bc
RHIND, JOHN B.....	217 E. 26th Street, Covington, Ky.	36 Bc
RIDGWAY, STUART L.....	144 58th Street, Niagara Falls, N. Y.	5 L
ROGERS, ALAN S.....	1320 DeKalb Street, Norristown, Pa.	16 L
RYRIE, GEORGE M.....	1007 Henry Street, Alton, Ill.	5 Bs
SATTERTHWAIT, ARNOLD C.....	305 Berks Co. Trust Bldg., Reading, Pa.	8 F
SEVRINGHAUS, JOHN W.....	3914 Cherokee Drive, Madison, Wis.	69 Bn
SHEPARD, SETH T.....	51 W. Lenox Street, Chevy Chase, Md.	55 Bn
SHIHADEH, WILLIAM F.....	113 Sutton Road, Ardmore, Pa.	D
SHINN, JOHN G.....	1705 Caton Avenue, Brooklyn, N. Y.	11 L
SMILEY, LUCIUS GEROW.....	Mohonk Lake, N. Y.	9 Bs
SOMERS, DAVID D.....	17 Front Street, Marion, Mass.	36 Bc
STEINS, KENEDON P.....	518 Prescott Road, Merion, Pa.	1 L
STEVENS, JOHN D., JR.....	475 Fifth Avenue, New Kensington, Pa.	64 Bn

Name	Home Address	College Address
STILES, E. CLARKE, JR.	512 California Avenue, Oakmont, Allegheny Co., Pa.	D
STUDWELL, WILLIAM A.	15 Ashland Avenue, Pleasantville, N. Y.	39 Bc
SUTTERLIN, JAMES S.	208 Wilkinson, Frankfort, Ky.	11 L
THACHER, JOHN W., JR.	307 E. Central Avenue, Moorestown, N. J.	4 Bs
THOMSON, HAROLD S.	570 Lawrence Avenue, Westfield, N. J.	16 L
TOMLINSON, ALEXANDER C., JR.	114 W. Kings Highway, Haddonfield, N. J.	7 F
TORRENCE, HASKELL	20001 S. Woodland Road, Shaker Heights, Ohio	7 L
TURNER, ALBERT E., 3D	307 Hamilton Road, Wynnewood, Pa.	39 Bc
WARREN, WILLIAM T., JR.	49 Thomas Avenue, Bryn Mawr, Pa.	D
WHITEHEAD, JOHN C.	110 Summit Avenue, Upper Montclair, N. J.	35 Bc
WIDNEY, CARL E.	10 Mitchell Place, New York, N. Y.	66 Bn
WILKIE, JOHN BALL	Milton, N. Y.	1 M
WILLIAMS, HUGH R.	81 Myrtle Avenue, Wyoming, Maplewood P. O., N. J.	7 F
WINDER, DAVID A.	432 Oxford Road, Brookline, Pa.	1 L
WINDER, R. BAYLY, IV	5908 Cedar Parkway, Chevy Chase, Md.	28 Bc
WINGERD, WILLIAM N.	Edgar Avenue and Riddle Road, Chambersburg, Pa.	4 L
WOODWARD, WILLIAM H.	Country Club Grounds, Dongan Hills, S. I., N. Y.	16 L
YEAPLE, WHITNEY SEILER	144 Dartmouth Street, Rochester, N. Y.	32 L
ZANDER, WILLIAM D.	127 Simpson Road, Ardmore, Pa.	D

FRESHMAN CLASS—1944

ABBOTT, CORNELIUS WEBSTER	5506 Lombardy Place, Baltimore, Md.	18 L
ALDEN, CHARLES SEYMOUR	2733 36th Street, N. W., Washington, D. C.	2 M
ALVORD, ELLSWORTH CHAPMAN, JR.	3512 Lowell Street, Washington, D. C.	14 Bs
AMUSSEN, JOHN RUSSELL	125 Kenwood Avenue, Bethesda, Md.	8 L
BAIR, GEORGE ELDRIDGE	8 Park Avenue, Bronxville, N. Y.	9 L
BAIRD, DONALD HESTON	7029 Milwaukee Avenue, Wauwatosa, Wis.	12 L
BALDERSTON, JOHN LLOYD, JR.	1800 Angelo Drive, Beverly Hills, Calif.	18 L
BEYE, CYRUS LOMBARD	422 Brown Street, Iowa City, Iowa	52 Bn
BOLGIANO, LOUIS PAUL, JR.	4411 Norwood Road, Baltimore, Md.	7 Bs
BUYERS, ARCHIE GIRARD	Picatinny Arsenal, Dover, N. J.	6 L

Name	Home Address	College Address
CLARK, JOHN WILSON.....	34 E. 45th Street, Panama, Rep. of Panama	9 L
COCKS, GEORGE ROWLAND.....	George School, Pa.	51 Bn
COMPTON, HORACE NEWTON, JR.....	622 Bryn Mawr Avenue, Penn Valley, Narberth, Pa.	D
CONN, WILLIAM KERR.....	5026 Saul Street, Philadelphia, Pa.	6 Bs
CRABTREE, JODIE DEE, JR.....	2121 Illini Road, Springfield, Ill.	15 Bs
CRAIG, CASSIN WINCHESTER.....	300 Maple Avenue, North Hills, Montgomery Co., Pa.	3 M
CURTIS, FREDERICK AUGUSTUS, JR.....	Granby, Mass.	58 Bn
DAVIS, DANIEL ELIAS, JR.....	"Glen Osborne," Sewickley, Pa.	53 Bn
DAY, ROBERT BRIGGS.....	930 Fairway Drive, Warren, Ohio	60 Bn
DOWNING, GEORGE VALENTINE, JR.....	243 Market Street, Salem, Va.	9 M
EAGER, HENRY ROBERT.....	303 Ten Eyck Street, Watertown, N. Y.	68 Bn
EGGER, ALBERT JAMES, JR.....	21 Tuscan Road, Maplewood, N. J.	33 Bc
ELKINTON, THOMAS.....	45 E. Maple Avenue, Moorestown, N. J.	61 Bn
FOX, CHARLES EDWIN, JR.....	S. W. Cor. City Line & 70th Ave., Oak Lane, Philadelphia, Pa.	54 Bn
FRANTZ, JOHN ARTHUR.....	3616 Watson Road, Indianapolis, Ind.	114 M
FREE, EDGAR DAUPHIN.....	6213 Morton Street, Germantown, Philadelphia, Pa.	D
FUNK, ELMER HENDRICKS, JR.....	6307 Sherwood Road, Overbrook, Philadelphia, Pa.	D
GOERKE, EDMUND, JR.....	601 Union Avenue, Elizabeth, N. J.	111 M
GOMEZ, MANUEL J.....	6106 Callowhill Street, Philadelphia, Pa.	D
GOUGH, JOSEPH THOMAS, JR.....	P.O. Box 86, Wilmington, Del.	17 L
GRAY, HENRY HAMILTON.....	R. 3, Box 499, Terre Haute, Ind.	22 F
GRIER, JESSE GYGER.....	6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	6 L
HADEN, JAMES COKE.....	2673 N. Park Blvd., Cleveland, Ohio	17 L
HAMMOND, EDMOND EMERSON, JR.....	Porter Road, Andover, Mass.	9 L
HEDGES, WILLIAM LEONARD.....	205 Bowen Street, Providence, R. I.	18 L
HELVESTON, HAROLD WILLIAM, JR.....	5849 Belmar Terrace, Philadelphia, Pa.	22 F
Hires, WILLIAM LELAND.....	Berwyn, Pa.	D
HOLLANDER, WALTER, JR.....	2604 Queen Anne Road, Baltimore, Md.	18 Bs
HOPKINS, GEORGE DEARBORN.....	3137 O Street, N. W., Washington, D. C.	12 L
HOUGH, JOHN TALCOTT.....	Mill Road, Falmouth, Mass.	16 Bs
HOUSTON, WILLIAM McCLELLAND.....	6820 Prospect Avenue, Ben Avon, Pittsburgh, Pa.	10 L

Name	Home Address	College Address
HOWE, WILLIAM EASTMAN.....	6 Hundreds Circle, Wellesley Hills, Mass.	105 M
HUBLER, GEORGE WALTER.....	Market Street, Auburn, Pa.	108 M
IRVING, EDWARD BURROUGHS, JR.....	3110 W. Penn Street, Philadelphia, Pa.	D
JACOB, ROBERT MORRISON.....	42 W. Francis Avenue, Pittsburgh (10), Pa.	56 Bn
JONES, CORSON.....	9 Hesketh Street, Chevy Chase, Md.	51 Bn
JORDAN, ROBERT FAIRLES.....	1248 S. Grand Avenue West, Springfield, Ill.	6 Bs
KESTER, DONALD J.....	436 W. Miner Street, West Chester, Pa.	50 Bn
KLEIN, JOHN SHARPLESS.....	41 Ashland Avenue, Pleasantville, N. Y.	17 L
KROM, JOHN McLAUGHLIN.....	117 Malba Drive, Malba, L. I., N. Y.	102 M
LACEY, DONALD BERNARD.....	2115 Belvedere Avenue, Upper Darby, Pa.	D
LEHMANN, WOLFGANG HANS.....	65 Argyle Avenue, New Rochelle, N. Y.	50 Bn
LLOYD, STEPHEN LLEWELLYN.....	1248 Post Road, Scarsdale, N.Y.	68 Bn
LOGAN, JOHN BRONSON.....	6001 Nevada Avenue, N. W., Washington, D. C.	61 Bn
LORENTZEN, RICHARD PETER.....	4601 Waveland Court, Des Moines, Iowa	67 Bn
LUKENS, PHILIP TINDEL.....	158 E. Butler Avenue, Ambler, Pa.	5 M
MALEY, E. PAT.....	1414 Regina Street, Harrisburg, Pa.	
MARSHALL, DAVID LEA.....	574 Warwick Road, Haddonfield, N. J.	12 L
MARXSEN, ROGER SUTCLIFFE.....	2309 Ridge Avenue, Evanston, Ill.	60 Bn
MATHIAS, CHARLES McCURDY, JR.....	Court Square, Frederick, Md.	58 Bn
McSHANE, WILLIAM ROBERT.....	318 Morgantown Street, Uniontown, Pa.	33 Bc
MILLER, DANIEL KELLER.....	2033 Willmoore Avenue, Springfield, Ill.	15 Bs
MOORE, GILBERT HENRY, JR.....	11 E. Lexington Street, Baltimore, Md.	7 Bs
MOORE, WARREN, JR.....	Bon Air, Va.	109 M
MURPHEY, ROBERT WILSON.....	S. E. Cor. Tunbridge Rd. & College Avenue, Haverford, Pa.	52 Bn
MYERS, GERALD EUGENE.....	7 Charles Street, Meshanticut Park, R. I.	8 L
NORTON, RICHARD WILLIAM, JR.....	6620 Broadway, San Antonio, Texas	D
PEASE, ALFRED MORGAN, JR.....	207 Bloomfield Avenue, West Hartford, Conn.	67 Bn
POST, ARNOLD RAE.....	9 College Lane, Haverford, Pa.	D
ROBINSON, DERRICK PATRICK MOORE.....	62 Moreland Avenue, Trenton, N. J.	104 M
ROESLER, JOHN BAIRD.....	130 Kings Point Road, Great Neck, L. I., N. Y.	8 Bs
SHIPLEY, JAMES EMLEN, JR.....	5269 Germantown Avenue, Germantown, Philadelphia, Pa.	D

Name	Home Address	College Address
SHOFFSTALL, DONALD HUGH.....	76 Chestnut Street, Maplewood, N. J.	116 M
SMITH, HARRY ROYER, JR.....	509 Brookview Lane, Brookline, Upper Darby, Pa.	D
STOKES, DAVID EVANS.....	629 Church Lane, Germantown, Philadelphia, Pa.	8 Bs
STOKES, SAMUEL EMLEN, JR.....	"Broadacres," Moorestown, N. J.	14 Bs
STOTT, PAUL RICHARD.....	905 S. Main Street, Newark, N. Y.	53 Bn
STUART, SPENCER RAYMOND.....	10943 Longwood Drive, Chicago, Ill.	10 L
SUTTON, HENRY CRAIG, JR.....	Apartado 1715, Havana, Cuba	16 Bs
THOMAS, CHARLES EDGAR, JR.....	Darlington, Md.	18 F
VILA, HENRY SABAU.....	5713 N. Park Avenue, Philadelphia, Pa.	6 L
WATKINS, RICHARD WALKER.....	1120 N. Highland Avenue, Pittsburgh, Pa.	107 M
WENDELL, DOUGLAS CARY, JR.....	135 Poplar Avenue, Wayne, Pa.	D
WIGFIELD, HARVEY.....	170 Dixon Street, Paterson, N. J.	31 F
WIRES, JOHN STANLEY.....	18 Whiting Road, Wellesley Hills, Mass.	10 L
WOOD, HOWARD PAGE.....	7406 Germantown Avenue, Mt. Airy, Philadelphia, Pa.	59 Bn
WORL, JAMES HOWARD.....	119 N. Walnut Street, Cambridge City, Ind.	59 Bn

SUMMARY

Graduate Students.....	13
Seniors.....	77
Juniors.....	76
Sophomores.....	84
Freshmen.....	87
Total.....	337

LIBRARY OF
HAVERFORD COLLEGE

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HAVERFORD, PA.

HAVERFORD COLLEGE BULLETIN

CATALOG

1940 - 1941



VOLUME XXXIX · NUMBER TWO

November · 1940

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H A V E R F O R D
C O L L E G E
C A T A L O G

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H A V E R F O R D · P E N N S Y L V A N I A

1940

JULY							SEPTEMBER							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
7	8	9	10	11	12	13	8	9	10	11	12	13	14	3	4	5	6	7	8	9
14	15	16	17	18	19	20	15	16	17	18	19	20	21	10	11	12	13	14	15	16
21	22	23	24	25	26	27	22	23	24	25	26	27	28	17	18	19	20	21	22	23
28	29	30	31				29	30						24	25	26	27	28	29	30
AUGUST							OCTOBER							DECEMBER						
4	5	6	7	8	9	10	6	7	8	9	10	11	12	1	2	3	4	5	6	7
11	12	13	14	15	16	17	13	14	15	16	17	18	19	8	9	10	11	12	13	14
18	19	20	21	22	23	24	20	21	22	23	24	25	26	15	16	17	18	19	20	21
25	26	27	28	29	30	31	27	28	29	30	31			22	23	24	25	26	27	28

1941

JANUARY							MAY							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	8	9	10	11	4	5	6	7	8	9	10	1	2	3	4	5	6	7
12	13	14	15	16	17	18	11	12	13	14	15	16	17	14	15	16	17	18	19	20
19	20	21	22	23	24	25	19	20	21	22	23	24	25	25	26	27	28	29	30	31
26	27	28	29	30	31		26	27	28	29	30	31								
FEBRUARY							JUNE							OCTOBER						
2	3	4	5	6	7	1	1	2	3	4	5	6	7	5	6	7	8	9	10	11
9	10	11	12	13	14	15	8	9	10	11	12	13	14	12	13	14	15	16	17	18
16	17	18	19	20	21	22	15	16	17	18	19	20	21	19	20	21	22	23	24	25
23	24	25	26	27	28	29	22	23	24	25	26	27	28	29	30	31				
MARCH							JULY							NOVEMBER						
2	3	4	5	6	7	1	6	7	8	9	10	11	12	2	3	4	5	6	7	8
9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15
16	17	18	19	20	21	22	20	21	22	23	24	25	26	16	17	18	19	20	21	22
23	24	25	26	27	28	29	27	28	29	30	31			23	24	25	26	27	28	29
APRIL							AUGUST							DECEMBER						
6	7	8	9	10	11	12	3	4	5	6	7	1	2	7	8	9	10	11	12	13
13	14	15	16	17	18	19	10	11	12	13	14	15	16	14	15	16	17	18	19	20
20	21	22	23	24	25	26	17	18	19	20	21	22	23	21	22	23	24	25	26	27
27	28	29	30				24	25	26	27	28	29	30	28	29	30	31			
JANUARY							MARCH							MAY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S

1942

JANUARY							MARCH							MAY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	1	2	3	4	5	6	7	3	4	5	6	7	8	9
11	12	13	14	15	16	17	8	9	10	11	12	13	14	10	11	12	13	14	15	16
18	19	20	21	22	23	24	15	16	17	18	19	20	21	17	18	19	20	21	22	23
25	26	27	28	29	30	31	22	23	24	25	26	27	28	29	30	31				
FEBRUARY							APRIL							JUNE						
1	2	3	4	5	6	7	5	6	7	8	9	10	11	1	2	3	4	5	6	7
8	9	10	11	12	13	14	12	13	14	15	16	17	18	7	8	9	10	11	12	13
15	16	17	18	19	20	21	13	14	15	16	17	18	19	14	15	16	17	18	19	20
22	23	24	25	26	27	28	19	20	21	22	23	24	25	26	27	28	29	30	31	

CALENDAR

1940-41

Registration of all new students.....	Sept. 16-18, 1940
Reporting of Freshmen to Dean MacIntosh.....	Sept. 17
Beginning of College Year with Assembly, 9:10 A.M.....	Sept. 19
Stated Meeting of the Board of Managers.....	Sept. 20
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M.....	Oct. 7
End of First Quarter.....	Nov. 13
Beginning of Second Quarter, 8:30 A.M.....	Nov. 14
Stated Meeting of the Board of Managers.....	Nov. 15
Thanksgiving Recess (both dates inclusive).....	Nov. 21-24
Pennsylvania Thanksgiving—no afternoon classes.....	Nov. 28
*Christmas Recess (both dates inclusive).....	Dec. 22, 1940-Jan. 5, 1941
*Stated Meeting of the Board of Managers.....	Jan. 10
Last First Semester classes.....	Jan. 16
First Semester Examination Period (both dates inclusive)	Jan. 20-31
Beginning of Second Semester, 8:30 A.M.....	Feb. 3
Stated Meeting of the Board of Managers.....	Mar. 14
*End of Third Quarter, 12:30 P.M.....	Mar. 29
*Spring Recess (both dates inclusive).....	Mar. 30-Apr. 6
*Beginning of Fourth Quarter, 8:30 A.M.....	Apr. 7
*First date for selection of Major Subjects by Sophomores..	Apr. 7
Last date for selection of Major Subjects by Sophomores.	Apr. 30
Last date for submission of Prize Manuscripts.....	Apr. 30
Stated Meeting of the Board of Managers.....	May 16
Last Classes for Seniors.....	May 17
Comprehensive Examination Period for Seniors.....	May 19-23
Last Second Semester classes.....	May 22
Second Semester Examination Period (both dates inclusive)	May 26-June 6
Commencement Day.....	June 7

* Note changes from 1939 Catalog.

CALENDAR

1941-1942

Registration of all new students	Sept. 15-17, 1941
Reporting of Freshmen to Dean MacIntosh.....	Sept. 16
Beginning of College Year with Assembly, 9:10 A.M.	Sept. 18
Stated Meeting of the Board of Managers.....	Sept. 19
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M. (tentative).....	Oct. 6
End of First Quarter.....	Nov. 12
Beginning of Second Quarter.....	Nov. 13
Stated Meeting of the Board of Managers.....	Nov. 21
Thanksgiving Recess (both dates inclusive)	Nov. 20-23
Christmas Recess (both dates inclusive)	Dec. 21, 1941-Jan. 4, 1942
Last First Semester classes.....	Jan. 15
First Semester Examination Period (both dates inclusive)	Jan. 19-30
Beginning of Second Semester, 8:30 A.M.	Feb. 2
End of Third Quarter.....	Mar. 28
Spring Recess (both dates inclusive)	Mar. 29-Apr. 5
Beginning of Fourth Quarter, 8:30 A.M.	Apr. 6
First date for selection of Major Subjects by Sophomores.	Apr. 6
Last date for selection of Major Subjects by Sophomores.	Apr. 30
Last date for submission of Prize Manuscripts.	Apr. 30
Last Classes for Seniors.....	May 14
Comprehensive Examination Period for Seniors.....	May 18-22
Last Second Semester classes.....	May 21
Second Semester Examination Period (both dates inclusive)	May 25-June 5
Commencement Day.....	June 6

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HAVERFORD COLLEGE

HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833 under the laws of the Commonwealth of Pennsylvania into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a board of managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised, but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by liberal subscriptions of friends.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding interest has been increased to over four million dollars.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198½ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike."

This property has since been increased to two hundred sixteen

acres with an estimated present value of about one million, seven hundred thousand dollars. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has increased with passing years. The grounds include seven fields, for football, baseball, cricket and soccer, a running-track, twelve tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but still enjoys the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts and science.

The endowment for salaries and pensions enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays. The advantages of a central location are utilized by bringing to college assemblies, on frequent occasions, men and women who have established leadership in government, business and the professions.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students.

All examinations, quizzes, and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. The responsibility for the proper conduct of all examinations is entirely in the hands of each student.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends meeting in a body. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of

vigorous bodies, scholarly minds, strong characters, and a real religious experience."

A degree from Haverford College is in itself a certificate that the recipient is intellectually, morally, physically and socially equipped to play his part, and in time assume a post of leadership, in the occupation and community of his choosing. A large proportion of Haverford graduates, however, customarily desire to supplement this equipment with distinctly professional education. For students desiring intensive preliminary training in medicine, the law, engineering, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools with full standing, and in many cases with advanced credit.

Sample outlines of study at Haverford, preparatory to post-graduate specialization in all the major professions, have been prepared and may be obtained by application to the Director of Admissions. Whether or not he intends to proceed to graduate work the student will in all cases plan his course, and select his major subject, in consultation with faculty advisers.

The first College building was Founders Hall, erected in 1833 and still, with additional wings, in active use. The original astronomical observatory was built in 1852 and in 1933 was replaced by the present newly-equipped structure. The Library, first constructed in 1863, has been three times enlarged, a new wing with special facilities for research being at present under construction.

There are four separate dormitories and, besides modern classrooms, separate, well-equipped laboratories for chemistry, physics, biology and engineering. The gymnasium was built in 1900; Roberts Hall, containing the college offices and a large auditorium, in 1903; the Haverford Union, used for many college activities, dates from 1910; the well-equipped infirmary, with resident nurse, was built in 1912. In addition to these buildings, made possible by the general and unfailing cooperation of alumni and friends of the College, there are a number of campus residences, occupied by members of the faculty and their families.

CORPORATION OF HAVERFORD COLLEGE OFFICERS

MORRIS E. LEEDS, <i>President</i>	4901 Stenton Ave., Gtn., Phila.
J. HENRY SCATTERGOOD, <i>Treasurer</i>	1616 Walnut St., Phila.
EDWARD W. EVANS, <i>Secretary</i>	304 Arch St., Phila.

BOARD OF MANAGERS

MORRIS E. LEEDS, <i>Chairman</i>	4901 Stenton Ave., Gtn., Phila.
J. HENRY SCATTERGOOD.....	1616 Walnut St., Phila.
EDWARD W. EVANS, <i>Secretary</i>	304 Arch St., Phila.

Term expires 1941

J. STOGDELL STOKES.....	Summerdale, Phila.
M. ALBERT LINTON.....	46th and Market Sts., Phila.
FRANCIS R. TAYLOR.....	910 Girard Trust Bldg., Phila.
EDWARD WOOLMAN.....	Haverford, Pa.
THOMAS W. ELKINTON.....	121 S. 3rd St., Phila.
DR. S. EMLEN STOKES.....	Moorestown, N.J.
HENRY C. EVANS.....	Spring Lane, Roxborough, Phila.
WILLIAM M. MAIER.....	Bryn Mawr, Pa.
*JOHN K. GARRIGUES.....	Delaware Trust Co., Wilmington, Del.

Term expires 1942

CHARLES J. RHOADS.....	Bryn Mawr, Pa.
ARTHUR H. THOMAS.....	W. Washington Sq., Phila.
WILLIAM A. BATTEY.....	Liberty Trust Bldg., Phila.
DR. FREDERIC C. SHARPLESS.....	Rosemont, Pa.
ALFRED BUSSELLE.....	347 Madison Ave., New York, N.Y.
WALTER C. JANNEY.....	1529 Walnut St., Phila.
WILLIAM B. BELL.....	535 Fifth Ave., New York, N.Y.
JOHN A. SILVER.....	Spring Lane, Roxborough, Phila.
*DR. ARTHUR H. HOPKINS.....	1726 Pine St., Phila.
*OWEN B. RHOADS.....	Bryn Mawr, Pa.

Term expires 1943

FREDERIC H. STRAWBRIDGE.....	801 Market St., Phila.
JONATHAN M. STEERE.....	Girard Trust Co., Phila.
L. HOLLINGSWORTH WOOD.....	103 Park Ave., New York, N.Y.
STANLEY R. YARNALL.....	Gtn. Ave. and Coulter St., Gtn., Phila.
WILLIAM WISTAR COMFORT.....	Haverford, Pa.
DR. HENRY M. THOMAS, JR.....	1210 N. Calvert St., Baltimore, Md.
ALEXANDER C. WOOD, JR.....	511 Chestnut St., Phila.
DR. THOMAS F. BRANSON.....	Rosemont, Pa.
*ULRIC J. MENGERT.....	Morris Bldg., Phila.

FACULTY REPRESENTATIVES ON BOARD OF MANAGERS

Term expires 1942

FREDERIC PALMER, JR.

Term expires 1941

FRANK D. WATSON

* Alumni Representative Manager.

MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

1940-1941

THOMAS W. ELKINTON	Term expires 1941 JOHN F. GUMMERE	WILMOT R. JONES
WILLIAM M. MAIER	Term expires 1942 E. WAYNE MARSHALL, JR.	EDWARD R. MOON
M. ALBERT LINTON	Term expires 1943 JAMES P. MAGILL	DR. J. RUSSELL ELKINTON

STANDING COMMITTEES OF THE BOARD OF MANAGERS OF THE CORPORATION OF HAVERFORD COLLEGE

Executive Committee

J. STOGDELL STOKES, <i>Chairman</i>	DR. FREDERIC C. SHARPLESS
J. HENRY SCATTERGOOD	WALTER C. JANNEY
JONATHAN M. STEERE	ULRIC J. MENGERT
ARTHUR H. THOMAS	DR. S. EMLEN STOKES
ALEXANDER C. WOOD, JR.	DR. ARTHUR H. HOPKINS

Committee on Finance and Investments

JONATHAN M. STEERE, <i>Chairman</i>	DR. S. EMLEN STOKES
CHARLES J. RHoadS	M. ALBERT LINTON
J. HENRY SCATTERGOOD	JOHN K. GARRIGUES

ALEXANDER C. WOOD, JR. WILLIAM B. BELL

Committee on Audit and Accounts

WILLIAM A. BATTEY, <i>Chairman</i>	THOMAS W. ELKINTON
FRANCIS R. TAYLOR	WILLIAM M. MAIER

ULRIC J. MENGERT

Committee on College Property and Farm

HENRY C. EVANS, <i>Chairman</i>	EDWARD WOOLMAN
FREDERIC H. STRAWBRIDGE	ALFRED BUSSELLE
THOMAS W. ELKINTON	WILLIAM M. MAIER
WILLIAM A. BATTEY	OWEN B. RHoadS

JOHN A. SILVER

Committee on Honorary Degrees

WILLIAM W. COMFORT, <i>Chairman</i>	DR. HENRY M. THOMAS, JR.
L. HOLLINGSWORTH WOOD	STANLEY R. YARNALL

DR. THOMAS F. BRANSON ARTHUR H. THOMAS

Counsel: PARKER S. WILLIAMS*

* Invited to attend all Board Meetings.

FACULTY

FELIX M. MORLEY

A.B., Haverford College; B.A., Oxford University; Ph.D., Brookings Institution;
Litt.D., George Washington University
President

Arranged in order of appointment to present rank

WILLIAM WISTAR COMFORT

A.B., Haverford College; A.B., A.M., and Ph.D., Harvard University; Litt.D., University of Pennsylvania; LL.D., University of Maryland, Lake Forest College and Haverford College
President Emeritus

HENRY SHERRING PRATT

A.B., University of Michigan; A.M. and Ph.D., University of Leipzig
David Scull Professor of Biology, *Emeritus*

JAMES ADDISON BABBITT

A.B., Yale University; A.M., Haverford College; M.D., University of Pennsylvania
Professor of Hygiene and Physical Education, *Emeritus*

RUFUS MATTHEW JONES

A.B. and A.M., Haverford College; A.M. and D.D., Harvard University; Litt.D., Penn College;
LL.D., Haverford College, Swarthmore College, Earlham College and Williams College;
D. Theol., University of Marburg; D.B., Yale University

T. Wistar Brown Professor of Philosophy, *Emeritus*

DON CARLOS BARRETT

A.B. and A.M., Earlham College; A.M. and Ph.D., Harvard University
Professor of Economics, *Emeritus*

LEGH WILBER REID

S.B., Virginia Military Institute; A.B., Johns Hopkins University;
S.M., Princeton University; Ph.D., University of Göttingen
Professor of Mathematics, *Emeritus*

ELIHU GRANT

A.B., A.M., Ph.D., and S.T.B., Boston University
Professor of Biblical Literature, *Emeritus*

ALBERT HARRIS WILSON

S.B. and S.M., Vanderbilt University; Ph.D., University of Chicago
Professor of Mathematics, *Emeritus*

FREDERIC PALMER, JR.

A.B. A.M., and Ph.D., Harvard University
Professor of Physics

WILLIAM EDWARD LUNT

A.B. and L.H.D., Bowdoin College; A.M. and Ph.D., Harvard University
Walter D. and Edith M. L. Scull Professor of English Constitutional History

LEON HAWLEY RITTENHOUSE

M.E., Stevens Institute of Technology
Professor of Engineering

FRANK DEKKER WATSON

S.B. in Economics and Ph.D., University of Pennsylvania
Professor of Sociology and Social Work

HAVERFORD COLLEGE

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*
Professor of Latin

WILLIAM BUELL MELDRUM

B.A. and M.Sc., *McGill University*; Ph.D., *Harvard University*
John Farnum Professor of Chemistry

JOHN LESLIE HOTSON*

A.B., A.M., and Ph.D., *Harvard University*
Francis B. Gummere Professor of English

LEVI ARNOLD POST

A.B. and A.M., *Haverford College*; A.M., *Harvard University*;
B.A. and M.A., *Oxford University*
Professor of Greek

EMMETT REID DUNN

A.B. and A.M., *Haverford College*; Ph.D., *Harvard University*
David Scull Professor of Biology

EDWARD DOUGLAS SNYDER

A.B., *Yale University*; A.M. and Ph.D., *Harvard University*
Professor of English

FRANK WHITSON FETTER*

A.B., *Swarthmore College*; A.M., *Harvard University*; A.M. and Ph.D., *Princeton University*
Professor of Economics

JOHN ALEXANDER KELLY

A.B., *Emory and Henry College*; A.M. and Ph.D., *Columbia University*
Professor of German

DOUGLAS VAN STEERE†

S.B., *Michigan State College*; B.A., *Oxford University*; A.M. and Ph.D., *Harvard University*
Associate Professor of Philosophy

ALFRED J. SWAN

B.A. and M.A., *Oxford University*
Associate Professor of Music

JOHN GOODWIN HERNDON

A.B. and M.A., *Washington and Lee University*; Ph.D., *University of Pennsylvania*
Associate Professor of Government

JOHN WILLIAM FLIGHT

B.A., *Hope College*; M.A., *Yale University*; B.D. and Ph.D., *Hartford Theological Seminary*
Associate Professor of Biblical Literature

HARRY WILLIAM PFUND

A.B., *Haverford College*; A.M. and Ph.D., *Harvard University*
Associate Professor of German

WILLIAM REITZEL

S.B., *Haverford College*; B.A. and M.A., *Oxford University*
Associate Professor of English

* Absent on leave for the second semester, 1940-41.

† Absent on leave for the year 1940-41.

RICHARD MANLIFFE SUTTON

S.B., *Haverford College*; Ph.D., *California Institute of Technology*
 Associate Professor of Physics

CLETUS O. OAKLEY†

B.S., *University of Texas*; S.M., *Brown University*; Ph.D., *University of Illinois*
 Associate Professor of Mathematics

HOWARD COMFORT

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*
 Associate Professor of Latin and Greek

THOMAS RAYMOND KELLY

B.S., *Wilmington College*; S.B., *Haverford College*; B.D. and Ph.D., *Hartford Theological Seminary*
 Associate Professor of Philosophy

ALEXANDER JARDINE WILLIAMSON

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*
 Associate Professor of Romance Languages

GEORGE MONTGOMERY

A.B., *Haverford College*; A.M., *Harvard University*
 Associate Professor of Public Speaking

BENJAMIN GERIG

A.B., *Goshen College*; A.M., *University of Illinois*; D.Sc. (Pol.), *University of Geneva*
 Associate Professor of Government

CLAYTON WILLIAM HOLMES

B.S., *University of New Hampshire*; A.M., *Haverford College*; M.E., *University of New Hampshire*
 Assistant Professor of Engineering

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*
 Assistant Professor of American History

HOWARD MORRIS TEAF, JR.

B.S., A.M., and Ph.D., *University of Pennsylvania*
 Assistant Professor of Economics

HOWARD KNICKERBOCKER HENRY

B.S., *University of Pennsylvania*
 Assistant Professor of Botany

MONTFORT VERTEGANS MELCHIOR

A.B., *Haverford College*; A.M., *University of Pennsylvania*
 Assistant Professor of Modern Languages

ROY EARL RANDALL

Ph.B., *Brown University*

Assistant Professor of Athletics

CARL BARNETT ALLENDORFER

S.B., *Haverford College*; B.A. and M.A., *Oxford University*; Ph.D., *Princeton University*
 Assistant Professor of Mathematics

WILLIAM EDWARD CADBURY, JR.

S.B. and A.M., *Haverford College*; Ph.D., *University of Pennsylvania*
 Assistant Professor of Chemistry

† Absent on leave for the first semester 1940-41.

HAVERFORD COLLEGE

THEODORE BRINTON HETZEL

S.B., *Haverford College*; B.S., *University of Pennsylvania*;
M.S. and Ph.D., *Pennsylvania State College*

Assistant Professor of Engineering

THOMAS OSWALD JONES

B.E., *Oshkosh Teachers College*; Ph.M. and Ph.D., *University of Wisconsin*
Assistant Professor of Chemistry

JOSEPH D. COPPOCK

A.B., *Swarthmore College*; A.M. and Ph.D., *Columbia University*
Assistant Professor of Economics

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*
Lecturer in Astronomy

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*
Lecturer in Hygiene

RICHARD MAX BERNHEIMER*

Ph.D., *University of Munich*
Lecturer in Art

BRAND BLANSHARD

B.A., *University of Michigan*; M.A., *Columbia University*; B.Sc., *University of Oxford*;
Ph.D., *Harvard University*
Lecturer in Philosophy

MAURICE MANDELBAUM

B.A. and M.A., *Dartmouth College*; Ph.D., *Yale University*
Lecturer in Philosophy

ARLINGTON EVANS

B.P.E., *Normal College A.G.U.*; M.S., *Temple University*
Instructor in Physical Education

ALFRED WILLIAM HADDETON

Instructor in Light Athletics

WILLIAM T. DOCHERTY

S.B., *Temple University*

Instructor in Physical Education

LINDSAY A. LAFFORD

Fellow of the *Royal College of Organists*; Licentiate of the *Royal Academy of Music*;
Associate of the *Royal College of Music*
Instructor in Music

EBON E. BETZ

A.B., *Albion College*; A.M., *University of Michigan*; Ph.D., *University of Pennsylvania*
Instructor in Mathematics

RENÉ BLANC-ROOS

S.B. and A.M., *Haverford College*
Instructor in Romance Languages

* Absent on leave second semester 1940-41.

JOHN OTTO RANTZ
Graduate of the *Williamson Free School of Mechanical Trades*
Instructor in Engineering

The Dean and the Dean of Freshmen are ex-officio members of the Faculty.

ASSISTANTS

ALAN S. FITZGERALD
Research Associate
in
Physics and Engineering

THOMAS C. GIBB
A.B., *Dickinson College*
English

HARRY JOHN KOLB
B.S., *Hamilton College*
Chemistry

ROBERT WILLIAMS ATTEBERRY
B.S., *Beloit College*
Chemistry

JOHN SETH LAUGHLIN
A.B., *Willamette University*
Physics

OFFICERS OF ADMINISTRATION

FELIX M. MORLEY

A.B. *Haverford College*; B.A., *Oxford University*; Ph.D., *Brookings Institution*
Litt.D. *George Washington University*
President

HENRY TATNALL BROWN, JR.

S.B., *Haverford College*; M.A., *Columbia University*
Dean

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*
Dean of Freshmen and Director of Admissions

WILLIAM MINTZER WILLS

A.B., A.M., *Haverford College*
Bursar and Registrar

JAMES ADDISON BABBITT

A.B., *Yale University*; A.M., *Haverford College*; M.D., *University of Pennsylvania*
Medical and Athletic Adviser

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*
Curator of the Quaker Collection

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*
Librarian

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*
Physician in Charge

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*
Director of the Strawbridge Memorial Observatory

ROBERT J. JOHNSTON

Superintendent of Buildings and Grounds

AMY L. POST

A.B., *Earlham College*
Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*
Resident Nurse

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President is an ex-officio member of all committees.

The Dean and the Dean of Freshmen are ex-officio members of the following committees: Admissions, Curriculum, Delinquent Students, Major Concentration and Honors, and Student Affairs.

Admissions

DEAN MACINTOSH, *Chairman*
PROFESSORS RITTENHOUSE, SNYDER, HERNDON, RANDALL, AND
MR. GUMMERE

Advance Degrees

PROFESSOR T. R. KELLY, *Chairman*
PROFESSORS LUNT, DUNN, FLIGHT, AND COMFORT

Catalog

PROFESSOR ALLENDOERFER, *Chairman*
PROFESSORS JONES, FETTER, AND MR. WILLS

Curriculum

PROFESSOR SNYDER, *Chairman*
PROFESSORS MELDRUM, HERNDON, SUTTON, AND PFUND

Delinquent Students

PROFESSOR REITZEL, *Chairman*
PROFESSORS PALMER, DUNN, HOLMES, WILLIAMSON, TEAF,
AND MR. HADDLETON

Fellowship Recommendations

PROFESSOR POST, *Chairman*
PROFESSORS J. A. KELLY, SUTTON, AND CADBURY

Library

PROFESSOR DRAKE, *Chairman*
PROFESSORS LOCKWOOD, HOTSON, REITZEL, T. R. KELLY,
TEAF, AND HETZEL

Major Concentration and Honors

PROFESSOR WATSON, *Chairman*
PROFESSORS PALMER, RITTENHOUSE, LOCKWOOD, AND MELCHIOR

Prizes

PROFESSOR PFUND, *Chairman*
PROFESSORS RITTENHOUSE AND MELCHIOR

Student Affairs

PROFESSOR WILLIAMSON, *Chairman*
PROFESSORS FLIGHT, TEAF, RANDALL, AND MR. LAFFORD

Student Petitions

DEAN BROWN, *Chairman*
PROFESSORS POST, COMFORT, HOLMES, AND HENRY

GENERAL REGULATIONS

ADMISSION

The policy of Haverford College is to admit to the freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to the undergraduate life. Due regard is given not only to scholarly attainment as shown by examination and by school record but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will arrange for the candidate to have a personal interview with a representative of this institution. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a select and comparatively small student organization. On the basis of all information available—College Board reports, school record, class standing, evidence touching on character and personality—the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. To those who on entrance show marked proficiency in certain subjects, as a result of special tests provided, advanced standing in those subjects will be granted. On account of limited accommodations it is usually difficult to admit students to other than the freshman class.

Each applicant for admission must take the Scholastic Aptitude Test given by the College Entrance Examination Board, and usually the entrance examinations given by the same Board under one of the three plans specified below. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition he must present, on blanks furnished by the College, his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units* of work as follows:

* "A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work."

English.....	3 units
Mathematics.....	3 units
2 foreign languages.....	5 units†
Electives.....	4 units†
Scholastic Aptitude Test	

The three plans for admission are described as Plan A, Plan B and Plan C.

Plan A. If the candidate seeks admission under Plan A, he must take entrance examinations in *all* the subjects for which he seeks entrance credit. He may take examinations in any of these subjects as preliminary examinations a full year or more before he intends to enter Haverford College, but *only the June examinations* of the College Entrance Examination Board are accepted as preliminary examinations.

Plan B. If a candidate seeks admission under Plan B, he must take entrance examinations in three subjects—English, mathematics and one foreign language.

The mathematics will be either Mathematics Beta or Mathematics Gamma. The latter will gain advanced standing in mathematics in college. Mathematics Alpha will not be accepted for entrance.

The one foreign language required will be,

for the A.B. degree, Latin 4, H or K

or

Greek 2, 3 or H

for the S.B. degree, 3 years of either Latin, Greek, French, German or Spanish

Ordinarily these examinations must all be *taken and passed at one time*, either in June or September. Occasionally exceptions to this rule may be made in cases of students who have taken all of the examinations in June and have failed of entrance by a narrow margin. Such students may be allowed to omit in the September examinations subjects which they passed in June with creditable grades. Such exceptions, however, will be allowed only by special action of the Committee on Admissions.

Plan C. If the candidate seeks admission under Plan C, he will be required to pass satisfactorily the comprehensive examination in English, an examination in one foreign language (as indicated under Plan B), and two examinations in subjects taken during his last school year and covering the work of that year.

† If 4 units of Latin are offered, 6 units will be required for the two foreign languages, thus reducing the elective requirements to 3 units.

PREPARATORY SUBJECTS

The usual list of subjects* in which entrance examinations may be taken to satisfy the requirements for admission to Haverford College is as follows:

SUBJECT	UNITS	COLLEGE BOARD EXAMINATION
English, four years.....	3	English
Mathematics		
Elementary Mathematics.....	3	Mathematics β
Advanced Mathematics.....	4	Mathematics γ
Latin		
Two-Year Latin.....	2	Latin 2
Three-Year Latin—Prose Authors.....	3	Latin 3A
Three-Year Latin—Poets.....	3	Latin 3B
Four-Year Latin.....	4	Latin 4
Fourth Year Latin—Poets.....	1	Latin H
Fourth Year Latin—Prose Authors.....	1	Latin K
Greek		
Two years—Attic Prose and Composition.....	2	Greek 2
Third year—Homer.....	1	Greek H
German		
Two years.....	2	German 2
Three years.....	3	German 3
Four years.....	4	German 4
French		
Two years.....	2	French 2
Three years.....	3	French 3
Four years.....	4	French 4
Spanish		
Two years.....	2	Spanish 2
Three years.....	3	Spanish 3
Four years.....	4	Spanish 4
History		
Ancient History.....	1	History A
Modern European History.....	1	History B
English History.....	1	History C
American History.....	1	History D
English History and American History.....	2	History CD
American History and Contemporary Civilization.....	2	History DE
Science		
Biology, elementary.....	1	Biology
Biological Sciences, two years.....	2	Biology
Chemistry, elementary.....	1	Chemistry
Physics, elementary.....	1	Physics
Physical Sciences, two years.....	2	Physics

A candidate for admission may offer electives either in the usual list or in such other subjects as may be approved in any given

* For the detailed requirements in each examination the candidate should refer to the annual circular of the College Entrance Examination Board. Headmasters and Principals of schools should have copies. (See p. 21 of this catalog.)

case by the Committee responsible for decisions concerning admission. Not more than one unit each may be chosen from these extensions, and then proficiency must be shown that indicates an amount of study and intellectual effort commensurate with that required in other subjects.

COLLEGE ENTRANCE EXAMINATION BOARD

April Examinations

Candidates for freshman scholarships and candidates for admission desiring early information on their status may take the Board's April tests held in over one hundred and fifty cities in all parts of the United States. In some cases a satisfactory showing on these examinations may prove sufficient for admission. The examinations consist of a scholastic aptitude test and a general achievement test, neither of which requires any particular program of study or special preparation. The scores are considered in relation to and in conjunction with the candidate's school record.

A fee of \$10 is charged by the Board for these examinations, applications for which must be filed with the Secretary not later than March 15, 1941. Candidates for examination west of the Mississippi and in foreign countries are required to file their applications not later than March 8, 1941. Applications will be accepted after these dates when it is possible to arrange for the examination of the candidates concerned, but only upon payment of \$5 in addition to the regular fee.

Blank forms should be secured from the Secretary of the Board, 431 W. 117th Street, New York City. In addition to registering for the April tests, applicants must inquire of the College as to whether or not they are eligible for scholarships. Information concerning the scholarships that may be available should be secured from the College.

Candidates who register to take the Achievement Test in April 1941 will be expected to select with the assistance of their colleges three of the nine sections of the test.

June Examinations

The College Entrance Examination Board will hold examinations in June 1941 at more than three hundred points in this country and abroad. A list of these places will be published about March 1, 1941. Requests that the examinations be held at particular points should be transmitted to the Executive Secretary of the

College Entrance Examination Board not later than February 1, 1941.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1. Upon request to the Secretary of the College Entrance Examination Board a single copy of this document will be sent to any teacher without charge. In general, there will be a charge of thirty cents, which may be remitted in postage.

All candidates wishing to take these examinations should make application by mail to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N.Y. Blank forms for this purpose will be mailed by the Secretary of the Board to any teacher or candidate upon request by mail.

The applications and fees of all candidates who wish to take the examinations in June 1941 should reach the Secretary of the Board not later than the dates specified in the following schedule:

For examination centers

In the United States east of the Mississippi River or on the Mississippi.....	May 26, 1941
In the United States west of the Mississippi River or in Canada.....	May 19, 1941
Outside of the United States and Canada, except in Asia.....	May 5, 1941

An application which reaches the Secretary later than the scheduled date will be accepted only upon payment of \$5 in addition to the regular examination fee of \$10.

When a candidate has failed to obtain the required blank form of application, the regular examination fee will be accepted if the fee arrives not later than the date specified above and if it be accompanied by a memorandum with the name and address of the candidate, the exact examination center selected, and a list of the subjects in which the candidate is to take the Board examinations.

When the examination supplies of the local supervisor permit, candidates who have failed to file an application with the Secretary may be admitted, upon payment to the local supervisor of a fee of \$5 in addition to the regular fee, to all examinations except the Scholastic Aptitude Test. Such candidates should present themselves at the beginning of the period of registration. A candidate who registers with the supervisor will receive from him a blank form of application and an identification card which must be filled out and handed to the supervisor for transmission to the Secretary of the Board.

In order to exhibit their tickets of admission, to present their

identification cards, and to obtain seats in the examination room, candidates should report for a morning examination at 8:45 and for an afternoon examination at 1:45. An examination will close for candidates admitted late at the same time as for other candidates. The examinations will be held in accordance with the time (Standard Time or Daylight Saving Time) observed in the local schools.

No candidate will be admitted to the Scholastic Aptitude Test after the test has begun.

The Scholastic Aptitude Test may be taken upon the completion of the school course or at the end of the third year of secondary school work. Each candidate desiring to take this test, even though he is to take no other examination, must file with the Secretary of the Board the usual application for examination. Every candidate who registers for the test will receive a practice booklet containing a specimen test with blank spaces to be filled in by the candidate. In order to secure admission to the test, the candidate must present not only his ticket of admission but also this booklet with the spaces filled in as requested. If the Scholastic Aptitude Test is taken in connection with other examinations, no additional fee is required; if taken alone, the fee is \$5.

September Examinations

Examinations for emergency cases are held in September at a wide choice of examination centers. They may not be taken as preliminary examinations. No applicant should deliberately postpone his examinations until September, as he cannot be admitted at this time if the capacity of the College has already been reached. Applications for examinations are due in the office of the Board not later than August 18, 1941; after that date applications will be accepted only on payment of a penalty fee of \$5 in addition to the regular fee. Requests for the cancellation of applications and the refund of fees, in order to receive favorable consideration, should reach the office of the Board not later than September 1, 1941.

COURSES OF STUDY

Haverford College recognizes each matriculate as an individual whose training in the past and whose plans for the future may differentiate him from his fellows. The College accordingly lays out tentatively an individual plan of study for each student at the beginning of his Freshman year. This plan is confirmed or modified for each succeeding year.

In making each plan, the College directs Faculty members to see to it that the student takes in his Freshman and Sophomore years certain courses which are required in *his* case and that he distributes his limited electives so as to make the plan both broad and sound.

Haverford College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science, the requirements for the two degrees being identical except in the matter of foreign languages.

Twenty academic courses plus three Physical Education courses are required for graduation. The academic courses may be classified as follows:

Required.....	$\frac{1}{2}$
Limited Electives.....	5 or 6
(Foreign Language 1 or 2, others 4)	
Major Concentration (average).....	6
Free Electives.....	$7\frac{1}{2}$ or $8\frac{1}{2}$
Total.....	20

REQUIRED COURSES

The first semester of Freshman English and Physical Education 1 are required of all Freshmen. Physical Education 2 and Physical Education 3 are required of all Sophomores and Juniors respectively.

LIMITED ELECTIVES

1. Each student who is a candidate for the Bachelor of Arts degree should present at entrance 4 units of Latin* and 2 units of another foreign language or 3 units of Greek and 2 units of another foreign language. After entrance he must pass one course in Greek or in Latin (except Latin A and Latin 1).

Each student who is a candidate for the Bachelor of Science degree should present at entrance 3 units of one foreign language and 2 of another. After entrance he must pass either one course in a language which he has presented for entrance or two courses in a third foreign language.

2. Each student must pass one course or two half-courses in Literature, either English or foreign, from the following list: English 3a, 4b, 5a, 8a, 12a, 12b, 13a, 14b, 16a, 16b, 17b, 18a, 21a, and 22b; French 3, 4, 6a, and 6b; German 3, 5a, 5b, 6, 7b, 8a, and 9b; Greek 1, 2a, 2b, 3a, 3b, 4a, 4b, and 6b, and Latin 2, 3a, 3b, 4a, 4b, 5, 14a, and 14b.

* Candidates presenting only two or three units of Latin are referred to page 68.

3. Each student must pass one course involving laboratory work in Biology, Chemistry, or Physics.
4. Each student must pass one course or two half-courses chosen from Biblical Literature 1a, 2a, 3a, 3b, 4b, 5b; Philosophy 3a, 4, 5b, 7a, 7b, 9a, 10b, or Sociology 1a, 2b.
5. Each student must pass one course in Economics, Government, or History.

MAJOR CONCENTRATION*

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Economics, Engineering, English, French, German, Government, Greek, History, Latin, Mathematics, Philosophy, Physics, Sociology.

Definite requirements of each department are stated under the name of the department on pages 47-79 and are understood as applying to the class of 1943. Before May first of his Sophomore year each student must confer with the Major Supervisor of the department in which he wishes to major, and must apply for written approval of a program of courses for the Junior and Senior years. Such a program must provide for the completion by the end of the Senior year of no fewer than six courses, at least three of which must have been in the major department and the others in closely related fields. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before May first, a copy of his Major program, signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his Sophomore year. Should the student's application be rejected by all the departments to which he applies, he will not be promoted to the Junior Class.

In addition each Senior must take a special Major examination (written, oral, or both) during the week preceding the final examination period. (Class work for Seniors will close on Saturday, three weeks prior to Commencement Day.) The passing grade for this examination is 70. In case of failure a candidate may, with the permission of his Major department, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

In order to allow time for preparation for the Major examina-

* A fuller statement of the rules governing Major Concentration can be obtained from the Registrar.

tion, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the second half-year.

Mid-year and final examinations in the Major subject in courses taken in the Senior year may be omitted at the discretion of the Major Supervisor.

FREE ELECTIVES

A number of courses sufficient to bring the total to twenty-three shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right through the deans to prevent unreasonable combinations of courses but that in the Junior and Senior years the student will choose his free electives after consultation with his Major Supervisor, whose power outside the field of major concentration is, however, merely advisory.

Freshman Program

Although the Dean of Freshmen is instructed to lay out for each Freshman a plan of study suited to his special needs, the Faculty recommends in all usual cases that Freshmen take Freshman English (of which the first semester is always required), one or two foreign languages, and two or three courses chosen from History, Mathematics, and Science, not more than one in any one of those fields.

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Biology 1 or 2	Greek A, 1, 2a, 2b
Chemistry 1 or 2	History 1
English 2b	Latin A, 1, 2, 3, 4
Engineering 1a, 1b	Mathematics 1
French A, 1 or 2	Physics 1
German A, 1, or 2	Spanish A or 1

In special cases, Freshmen may be admitted to certain other courses with the consent of the Dean of Freshmen.

A Freshman will not be permitted to take more than five courses, in addition to Physical Education, except with special consent of the Faculty. As to requisite grades, see page 37.

Sophomore Program

Each Sophomore must take five courses, besides Physical Education, and may not take more than five, unless he receives the special consent of the Faculty, or is required to repeat or substitute a course, in which case he must obtain the consent of the

Dean to take more than five courses. As to requisite grades, see page 37. The following courses are open to Sophomores:

Astronomy 1a, 2	Greek A, 1, 2a, 2b, 3a, 3b, 4a, 4b, 5a,
Biblical Literature 1a, 2a, 3a, 3b, 4b, 5b	5b, 6b
Biology 1, 2, 3, 4, 5	History 1, 2, 3, 5, 6, 10a, 11b
Chemistry 1, 2, 3, 4	Italian A, 1
Economics 1	Latin A, 1, 2, 3, 4, 5, 10, 14, 15
Engineering A, 1a, 1b, 2a, 2b	Mathematics 2
English 3a, 4b	Music 1, 2
French A, 1, 2, 3	Philosophy 1a, 3a, 4, 6b, 7b, 9a, 10b
German A, 1, 2, 3, 4a, 5a, 5b, 9b	Physics 1, 2
Government 1, 2	Sociology 1a, 2b
.	Spanish A, 1

Junior Program

Each Junior must take five courses, besides Physical Education, unless he receives the consent of the Faculty to take a greater number, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. A general average for the year of 70 is a prerequisite for promotion to the Senior class.

Senior Program

Each Senior must take five courses, unless he receives the consent of the Faculty to take a greater number or the consent of his Major Supervisor to drop one course in the second half-year, or unless he is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. A general average for the year of 70 is a prerequisite for graduation.

Special Cases

Whenever a student gives proof of special aims and abilities, the College is prepared to lay aside such requirements of the preceding plan as stand between him and the accomplishment of his aims.

CONFLICTING COURSES

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned. In case of conflict involving a repeated course the repeated course takes precedence.

INTERCOLLEGiate COURTESY

Because of the cooperative relationship now existing between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of one of these

four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group. This institutional courtesy does not involve the payment of additional fees except in the case of laboratory courses, in which case the visiting student will be charged the same laboratory fees or deposits as students in the institution to which he goes.

Students desiring to take advantage of this arrangement should secure the permission of the Student Petitions Committee, of which the Dean is chairman, and also the permission of the chairman of that Haverford department under which the course involved would most naturally fall. It is also desirable that the instructor giving the course be consulted in advance. Graduate students will obtain the permission of the Committee on Advanced Degrees instead of the Student Petitions Committee.

The Presidents of Bryn Mawr, Swarthmore, and Haverford consult at regular intervals to further this cooperative spirit and to explore new possibilities of mutual service.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years respectively a general average, for the year, of 70 or above, and provided they have passed their Major examinations with a grade of 70 or above, are granted the degree of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees, see page 24. The fee for the Bachelor's degree is \$15.

MASTER OF ARTS AND MASTER OF SCIENCE

Admission to Candidacy.—Graduates of Haverford College or an institution of equivalent standing, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science.

Requirements.—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (each with a grade of not less than 80) and to do satisfactory additional intensive work, equivalent at least to a full course, which may take the form of a thesis or other research. (In a full year course in which credit is not granted for the work of a single

semester, the course grade is the average of the two semester grades; in other cases each semester's work is a separate course, for the purposes of this requirement.) At least two of the courses and the additional intensive work must be in the same field and the remaining courses in allied subjects. In addition, the candidate may, at the discretion of the professor in charge, be required to pass a comprehensive examination upon the field of his major subject. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Advanced Degrees. After approval by this Committee, the program must be filed with the Registrar.

A minimum of one year's residence is required, and a candidate, if well prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate a longer period of residence may be necessary, but candidates for the Master's degree must complete the required work in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not in general be able to satisfy the requirements for the degree in one year.

Charges.—The charges for a Graduate Student are: tuition, \$450; board, \$275; lodging, \$175. The fee for the Master's degree is \$20. Laboratory fees, supplies, breakage, and incidentals are extra.

Fellowships.—Eight graduate fellowships covering tuition, board, and lodging are available annually primarily for the graduates of other Friends' Colleges in the United States, with permission to study for the Master's Degree in any department of Haverford College which may be selected, provided the proposed schedule of study is approved by the Committee on Advanced Degrees. Any recipient of a graduate fellowship should have additional resources at least in the sum of \$200.

Applications should be accompanied by a certified list of the applicant's courses and grades as an undergraduate, three letters concerning the character, personality, financial condition and

qualifications of the applicant, a copy of the catalog of the institution in which the applicant was an undergraduate, and a small photograph. Applications and material should be in the hands of the President of Haverford College before March 1st to secure consideration for the following year.

Courses offered.—The following courses are open to graduate students: Astronomy 3a, 3b, and 4; Biblical Literature 3a, 3b, 4b, 5b, 6; Biology 3, 4, 5, 7, 10; Chemistry 6, 7a, 7b, 8a, 9b, 10a and 10b; Economics 2a, 3b, 4a, 5b, 6b, 7b, 8b, 9a, 10a, 12b, 15; Engineering 4a, 4b, 5a, 6b, 7a, 8, 10, 11; English 5a, 8a, 12, 13a, 14b, 17b, 18a, 21a, 22b; French 4, 5, 6; Geology 1; German 3, 4a, 5a, 5b, 6, 7b, 8a, 9b; Government 3, 4, 6a, 8a, 10a, 11b, 12a, 13b, 14, 15a, 16b, and 17b; Greek 2, 3, 4, 5, 6b; History 2, 3, 4, 5; Italian 1; Latin 5, 10, 14, 15; Mathematics 4a, 4b, 5a, 5b, 6a, 9b, 10b (Mathematics 3 and 8a open to students majoring in other departments); Philosophy 2b, 4, 5b, 6b, 7a, 7b, 8, 9a, 10b; Physics 3, 4a, 4b, 5a, 6b, 7a, 8b, 10; Sociology 2b, 3b, 4a, 5b, 6a; Spanish 1, 2. Additional work may be required of graduate students in any of these courses. Certain other courses may be taken by graduate students as subsidiary to the major field of work, with the consent of the Committee on Advanced Degrees and the instructor in charge.

HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds: *Honorable Mention*, *Sophomore Honors*, and *Final Honors*.

Honorable Mention† will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, plus additional work to the total amount of not less than 75 hours. Candidates for Honorable Mention must obtain a minimum grade of 85 in the regular work of the course and pass creditably an examination on the additional work required. Two half-courses in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for Honorable Mention, but who has not

† Honorable mention is awarded in Freshman English in connection with the work of the second half-year (English 2b).

done the additional work required in connection with such course, may, with the consent of the professor in charge, do so during the Sophomore year.

Sophomore Honors will be awarded at the end of the Sophomore year for work in not less than two full courses in a single department, plus additional work to the total amount of not less than 150 hours. Candidates for Sophomore Honors must obtain a grade of at least B in all courses required for such honors and a grade of A in such of these courses as are taken in the Sophomore year, and must pass creditably examinations on the additional work required.

Final Honors are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a major field of concentration has been done with marked distinction and has been more profound or more extensive in its scope than the minimum required. The award of Honors is at the discretion of the major department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recommendation of a department or group of related departments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors, the verdict of an outside examiner may be obtained if deemed desirable. The various departments and divisions will adopt such specifications for Final Honors as they see fit.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors, one-half of one per cent for each award of Honorable Mention or Sophomore Honors. Honors, High Honors, and Highest Honors shall automatically add one, two, and three per cent respectively to the average for the Senior year of each student receiving such award.

PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, *before May 1*.

All prizes awarded in books are marked with appropriate book-plates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for ap-

proval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory. This prize is now divided between the two members of the winning team in the Senior-Junior debate.

THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman extemporaneous debate, medals are given in memory of the Everett Society.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING IN LITERATURE

A first prize of \$50 and a second prize of \$25 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a period or comprehensive topic in the field of literature (ancient, English or foreign) during at least two years of their college career.

The administration of these prizes is in the hands of the Committee on Prizes, with which the candidate shall register and which shall approve the subject chosen. The Committee will then recommend the candidate to the Department(s) to which he should apply for counsel and guidance. An oral examination will be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the Departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have

done the best work for the two years in Latin and Mathematics, respectively.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898 on the twenty-fifth anniversary of their graduation established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and may be awarded to a student who has attained a high degree of proficiency in chemistry and who shows promise of contributing substantially to the advancement of the science. This prize may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

THE DEPARTMENT PRIZES IN MATHEMATICS

A first prize of \$15 and a second prize of \$10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held on the first Monday after the Spring Recess, and is open to Freshmen only.

THE ELLISTON P. MORRIS PRIZE*

A prize of \$40, open to all undergraduates and to graduates of not more than three years' standing, is offered every year for the best essay bearing on the general problem of "International Peace and the Means of Securing It." No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College. For the 1941-42 competition the following subjects are offered:

1. A Critical Examination of Recent Proposals for a Federation of Nations.

* This statement refers to the 1941-42 competition. For the conditions of the 1940-41 competition see the 1939 catalog.

2. An International Program for the Practical Pacifist.
3. Modification of Existing Concepts of Nationalism that may be necessary for the Achievement of World Peace.
4. America's Part in Post-war Organization.

The presentation should be not merely a catalog of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize, but the two prizes will not be awarded to one person.

THE ELIZABETH P. SMITH PRIZE*

A prize of \$40 is offered annually to the undergraduate who presents the best essay on international peace under the same conditions and terms as the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books is also offered.

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books is also offered.

These prizes may be competed for during any year of the College course.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

* This statement refers to the 1941-42 competition. For the conditions of the 1940-41 competition see the 1939 catalog.

THE CLASS OF 1910 POETRY PRIZES

Two prizes of \$15 and \$10 respectively are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1. The judges shall be appointed by the President of the College.

THE LOGAN PEARSALL SMITH PRIZE

An annual award of \$50 in books will be made to that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library. Consideration of the books collected will be entirely independent of their cost.

Candidates must register with the Committee on Prizes before March 1. The contest closes May 1. By that date every candidate shall have deposited with the Registrar a list of books and a brief essay explaining the purpose of his collection.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History under the following general provisions:

First—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

Second—The prize shall not be awarded twice to the same student.

Third—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

Conditions

In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected from a list announced by the Department of History before November 15. The essay should contain references

in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited under an assumed name with the Registrar before May 1.

The judges shall consist of the President of the College and two historians to be selected by him

For the competition of 1940-41 the following subjects are submitted:

1. The Origin and Development of Parliament to 1377.
2. The Diplomatic Relations between Great Britain and Germany from 1880 to 1906.
3. The Development of the Monroe Doctrine since 1823.
4. Proprietary Government in the English Colonies.

THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$40) may be awarded annually on the basis of Final Honors in English, provided that the Department judges that the work of the leading candidate merits such award.

THE WILLIAM ELLIS SCULL PRIZE

The William Ellis Scull Prize (\$50) will be awarded annually to the upper classman who shall have shown the "greatest achievement in voice and the articulation of the English language."

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$50 is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued semi-annually.

Grouped according to averages for the semester, the sections in each class are as follows:

Section	Freshmen	All others
A	90 to 100	90 to 100
B	80 to 90	80 to 90
C	65 to 80	70 to 80
D	50 to 65	60 to 70
	Failures	Failures
E	35 to 50	50 to 60
F	Below 35	Below 50

+ or - following the average for the semester indicates that it is above or below the student's average for the preceding semester.

Freshmen are required to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores, 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation.

DELINQUENT STUDENTS

A student who obtains grade E (35 to 50 for Freshmen, 50 to 60 for upper-classmen) as his half-year mark in any course is allowed a re-examination in September following the failure (on the Monday, Tuesday or Wednesday immediately preceding the opening of College). To Seniors who obtain the Grade E (except in the Major examination, see page 25) re-examinations will be given in June during Commencement week. Re-examinations (at a fee of \$5 per half-year course) are scheduled only upon written request received by the Registrar before September 10, upon which date copies of the re-examination schedule will be mailed to all applicants, and after which date additional subjects will be scheduled only upon advance payment of an additional fee of \$10. Late applicants (after September 10) for examinations already scheduled must make an additional advance payment of \$5 per subject before their acceptance as candidates for re-examination. A student who obtains grade F (below 35 for Freshmen, below 50 for others) as his half-year mark in any course is not permitted to take a re-examination in that course.

A student with F as his half-year grade, or with E as his half-year grade in any course after the re-examination privilege has lapsed, must repeat the course if it is a required course (repeated

courses take precedence in the case of conflict, and are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required course will consequently prevent a student from obtaining his degree.

A fee of \$15 per half-year is charged for all repeated or substituted courses and for any course dropped after two weeks.

A Sophomore who fails to attain promotion average (see page 37), and who has not more than two failures, may have the privilege of taking re-examinations in the two half-courses in which he has received the lowest grades, provided that these grades be better than F. A Senior or Junior who fails to attain promotion average (see page 37), and who has not more than one failure, may take a re-examination in the half-course in which he has received the lowest grade, provided that this grade be better than F.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped. Usually a student who has more than two half-courses of failures against him at the opening of College in September will be dropped.



FINANCIAL ARRANGEMENTS

ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 18) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$100 rooms are regularly reserved for Freshmen. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited, unless the student be *excluded by the College* for failures or other sufficient reason, in which case the fee will be refunded upon request.

Students are expected to treat their own and College property with the same consideration as in their own homes. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requested withdrawal from the College.

The College does not hold itself responsible for the safe-keeping of private property left by the students in their rooms, or elsewhere on the campus.

EXPENSES

The combined charge for tuition (\$450), board (\$275), and room rent (\$100 to \$225, according to location), varies from \$825 to \$950 a year. This includes heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets and towels. In general two students share one study and each has his private bedroom adjoining. A few single rooms are also available. The number of students accommodated in the several halls and the combined charges are as follows:

Merion Hall..... 16 at \$825 each

Merion Hall..... 11 at \$850 each

Merion Hall..... 14 at \$875 each

Founders Hall.....	14 at \$825 each
Founders Hall.....	8 at \$850 each
Founders Hall.....	3 at \$860 each
Founders Hall.....	6 at \$875 each
Barclay Hall.....	27 at \$825 each
Barclay Hall.....	5 at \$850 each
Barclay Hall.....	5 at \$875 each
Barclay Hall.....	24 at \$900 each
Barclay Hall.....	47 at \$915 each
Lloyd Hall.....	66 at \$915 each
Lloyd Hall.....	32 at \$950 each

The charge for tuition of day-students is \$450 a year; for tuition and mid-day meal, \$540 a year. A laboratory fee (average, \$5 to \$15 per half-year) and the cost of materials consumed and of apparatus broken are charged in each of the laboratories. The fee for dropping a course after two weeks is \$15. The fee for the Bachelor's degree is \$15. For Graduate Student fees, see page 29.

The Board of Managers requires that first half-year bills (rendered October 1) for three-fifths of the student's total cash indebtedness for the current year for room, board, and tuition must be paid *in full before* November 1. Second half-year bills (rendered February 1) must be paid *in full before* March 1. Failure to pay within the specified period automatically cancels the student's registration.

As an associate to The Tuition Plan we are prepared to extend to parents or guardians the opportunity of paying tuition and other college fees in equal monthly installments during the college year. The additional cost is small. Adoption of this plan is optional and intended solely as a convenience. Details will be furnished on request.

Additional expenses include books (\$20-\$30 a year) and a \$10 activities fee which supports the college's extracurricular program.

SCHOLARSHIPS

Scholarships are of two kinds, competitive, and those awarded upon merit and individual need. All scholarships are given for one year only.

No scholarship will be given to a student who has conditions.

No scholarship will be given to a student who is in debt to the college.

All preliminary correspondence and applications for undergradu-

ate scholarships for 1941-1942, together with supporting letters from parents or guardians should be in the hands of the President before Tuesday, April the 8th, 1941.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources.

I. *Corporation Scholarships*.—Sixteen scholarships of the annual value of \$300 each, are awarded, without formal application, to the four students in each class who have the highest average scholarship. This is determined in the case of upper classmen by their general average for the year. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the June examinations (see page 21) to those candidates entering by any plan of admission who are judged to be best prepared to do the work of the College.

II. *Isaiah V. Williamson Scholarships*.—Two scholarships of \$350 each. One will usually be awarded to a Senior and one to a Junior.

III. *Richard T. Jones Scholarship*.—One scholarship of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships*, amount to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships.*—Eight scholarships of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship.*—A scholarship of \$250 is annually available, preferably for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring to prepare for similar service in America or other countries.

XIII. *Louis Jaquette Palmer Memorial Scholarship.*—This Scholarship of \$250 is awarded on application, preferably to a member of the Freshman Class, who in the opinion of a committee representing the donors and the President of the College shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

XIV. *J. Kennedy Moorhouse Memorial Scholarship, \$300.*—Special application should be made for this Scholarship, which is intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse, of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work, a leader in clean and joyous living." Special application for this Scholarship should be made before April 15.

XV. *Paul W. Newhall Memorial Scholarship.*—One scholarship of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarship.*—One or more scholarships of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship.*—One scholarship of the annual value of \$200.

XVIII. *Class of 1913 Scholarship.*—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

The scholarships named on this and the preceding pages are permanent foundations. In addition, the New York Alumni maintain a scholarship for competition in the New York metropolitan

district. The New England Alumni maintain one Freshman scholarship of \$300 to be awarded annually to a New England boy from a New England school. Inquiry regarding these scholarships should be directed to the Secretary of the Alumni Association, Haverford College, Haverford, Pa.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

Teaching Fellowships.—With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the income of the Fund may permit.

Graduate Fellowships.—For information regarding graduate fellowships, see page 29.

LOAN FUND

A loan fund has been established for deserving students other than members of the Freshman Class who may require financial assistance during their college course. Further information concerning this fund may be obtained from the President of the College.

EMPLOYMENT BUREAU

In connection with the Dean's office there is an Employment Bureau through which students may be put in touch with such remunerative employment as may be available.



GENERAL INFORMATION LIBRARY

The College Library contains about one hundred forty-five thousand volumes, besides numerous classified but uncataloged pamphlets. Readers have supervised access to the shelves and are permitted to withdraw from the library any volume except those reserved for special reasons.

About six thousand dollars is expended yearly for the purchase of books and periodicals. The library receives from various sources many substantial gifts and bequests; it is also a government depository.

The collection of Quaker literature is probably the most complete in America. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Library possesses the fine Harris collection of over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopic manuscripts collected by J. Rendel Harris; a collection of more than four hundred Babylonian clay tablets dating from 2500 B.C.; and seven hundred reproductions in fictile ivory of ancient and mediaeval carved ivories.

Over four hundred literary and scientific periodicals are taken, besides many annual reports, yearbooks, and the like.

The Library is open, with some exceptions, on week days from 8:30 A.M. to 10 P.M., and on Sundays from 1:30 to 10 P.M. While designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books.

CHARLES ROBERTS AUTOGRAPH COLLECTION

This autograph collection, formed by the late Charles Roberts of Philadelphia, a graduate (1864) and for many years a manager of the College, was in 1902 presented to the College by his wife, Lucy B. Roberts. It consists of more than 15,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers on religious and political history. The general exhibit room, under the care of Miss Anna B. Hewitt,

is open daily. Special papers from the vault may be inspected on application to Professor Drake.

LECTURESHIPS HAVERFORD LIBRARY LECTURES

The income of \$10,000 received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as way may open for it, upon its doctrine and its teaching."

THOMAS SHIPLEY LECTURES ON ENGLISH LITERATURE

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, has been in operation since the fall of 1912. It contains ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for a physician and a nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the infirmary, will be at the expense of the student. For residence in the infirmary beyond the limit of one week the charge is \$3 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard, the resident nurse.

CONSULTANTS IN PSYCHOLOGY AND PSYCHIATRY

Dr. Lauren H. Smith and his associates on the staff of The Institute of the Pennsylvania Hospital are available without charge as consultants in Psychology and Psychiatry for a limited number of students.

When a thorough study and examination are required, and treat-

ment is necessary, financial arrangements are to be made with the parents and college physician or family physician.

SOCIETIES AND CLUBS

Phi Beta Kappa Society, Zeta Chapter of Pennsylvania, chartered 1898.

Biology Club	Founders Club
Camera Club	German Club
Campus Club	Haverford Night School
Cap and Bells Club	International Relations Club
Chemistry Club	Mathematics-Physics Club
Chess Club	Nautical Club
Debating Council	Radio Club
Engineering Club	Varsity Club
Field Club	Y.M.C.A.

PUBLICATIONS

The Haverford College Bulletin is issued by the College four times in each collegiate year. Included under this title are the Catalog, College Reports, Athletic Annual, and the College Directory.

The Haverford News, a student publication, appears weekly during the College year. *The Stack* and *The Campus Haverfordian*, student literary magazines, appear periodically.



COURSES OF INSTRUCTION

ART

The instruction in the Department of Art has a twofold objective. On the one hand, the students' appreciation is furthered by close aesthetic analysis of works of art. On the other hand, the history of art is treated as a branch of the humanistic studies and attention is given to the development of Art in itself as well as to its contacts with other human interests.

The lectures are amply illustrated by lantern slides and occasionally supplemented through visits to museums and private collections. The Carnegie set of reproductions is used as additional illustrative material.

1. Art and Culture of the Renaissance.—M. W. F. 11:30. DR. BERNHEIMER.

The field covered by this course is wider than its short title seems to indicate; for besides the development of Art in Italy from the 14th to the 16th century, that of the North in the same period will be studied. Emphasis will be laid upon the social and philosophical changes which accompany the changes in artistic style. The course will end with a short discussion of the Baroque.

[Not offered in 1940-41; to be offered in 1941-42.]

2. Art since the Sixteenth Century.—M. W. F. 11:30. DR. BERNHEIMER.

This course gives a survey of European Art from the end of the Renaissance to the present day. Beginning with the great masters of the 16th century, who dominated the development of the following periods, it endeavors to do justice to such painters as Rembrandt, Rubens, Velasquez, without losing sight of the architectural developments of the Baroque. The second part of the course is devoted to an analysis of recent and contemporary art.

[Offered first half year only in 1940-41; not to be offered in 1941-42.]

ASTRONOMY

The William J. Strawbridge Memorial Observatory, newly built and equipped, affords students the means of becoming familiar with a variety of astronomical instruments, and of acquiring from actual observation a practical acquaintance with astronomy.

The equipment consists of two equatorially mounted telescopes with 10-inch and $4\frac{1}{2}$ -inch objectives respectively; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of $3\frac{3}{4}$ -inch aperture; a zenith telescope of $2\frac{1}{4}$ -inch aperture; a spectrohelioscope; an astrographic mounting provided with a 4-inch Ross lens and a 4-inch guiding telescope; two clocks; a chronograph by Bond; charts, globes, and other instruments. The astronomical library is housed in the Observatory.

Major Requirements

Astronomy 2 and 4

Mathematics 1, 2, and 3, and Physics 2.

A comprehensive examination, partly oral, based on the subject matter of the above-named courses.

1a. Descriptive Astronomy.—M. W. F. 10:30, first half-year. MR. GUMMERE.

A culture class open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes, and simple problems.

2. Descriptive and Practical Astronomy.—Two class hours and one evening to be arranged. MR. GUMMERE.

This course covers the same ground as Astronomy 1a, together with practical work in the Observatory.

Use of sextant, transit, and equatorial; determination of instrumental constants, latitude, and time. The course is opened with a brief review of the essentials of spherical trigonometry. Prerequisite, *Plane Trigonometry* and *Solid Geometry*.

3a, 3b. Observational Astronomy.—Hours, to be arranged, either half-year. MR. GUMMERE.

The subject matter will be chosen to meet the needs of the students. Prerequisite, *Astronomy 2*.

4. Celestial Mechanics and Orbit Determination.—Hours, to be arranged, throughout the year. MR. GUMMERE.

An introduction to mathematical astronomy. Prerequisite, *Astronomy 2*, *Mathematics 3*, or in conjunction with *Mathematics 3*.

BIBLICAL LITERATURE

The courses in this department are designed to cover broadly the history, literature and religion of the Bible with their backgrounds in the culture in which they developed and to which they contributed. Additional courses are offered in the ancient history of the Near East, the Hebrew language, and comparative religion. Sufficient scope is thus provided to meet the varied interests of students electing courses in the department and to offer either introductory or advanced work.

A gift has enabled Professor Grant to make a series of five field excavations at a site in Palestine, the archaeological yields of which are exhibited in the Beth Shemesh Museum, third floor of Sharpless Hall. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

Major Requirements

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible; and the religious and moral life of the Hebrews, Jews, and Christians.

1a. Introduction to the Old and New Testaments.—M. W. F. 2:30, first half-year. PROFESSOR FLIGHT.

The literature of the Bible with its historical background.

2a. The Rise of Christianity.—Tu. Th. S. 8:30, first half-year. PROFESSOR FLIGHT.

A study of the background, early development and spread of the Christian movement as reflected in the New Testament, particularly in the book of Acts and the letters of Paul.

[Not offered in 1940-41; to be offered in 1941-42.]

3a. Ancient History of the Near East.—M. W. F. 10:30, first half-year. PROFESSOR FLIGHT.

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

3b. Development of Christian Thought within the Bible.—Tu. Th. S. 10:30, second half-year. PROFESSOR FLIGHT.

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

4b. Comparative Religion.—Tu. Th. S. 9:30, second half-year. PROFESSOR FLIGHT.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

[Not offered in 1940-41; to be offered in 1941-42.]

5b. The English Bible.—Tu. Th. S. 9:30, second half-year. PROFESSOR FLIGHT.

History and literary art of the English Bible, particularly the King James version and its influence on general literature.

[Offered in 1940-41; not to be offered in 1941-42.]

6a or 6b. Biblical and Oriental Conference.—Hours to be arranged, either half-year. PROFESSOR FLIGHT.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, other work in the department, in which a grade of B has been attained.

8. Hebrew.—Hours to be arranged. PROFESSOR FLIGHT.

Grammar, composition, and reading of simple Old Testament prose.
[Offered in 1940-41; not to be offered in 1941-42.]

BIOLOGY

The Department of Biology offers courses for students who wish to enter medical school, for students who wish to continue biological studies after graduation in graduate school, teaching, or conservation, and for students who wish a general knowledge of plants and animals.

Most medical schools require General Zoology for admission. Vertebrate Morphology is required by some and advised by others. General Botany is required by a few. Most graduate schools require, as a prerequisite for work in Biology, a reading knowledge of French and German, Chemistry 2, Physics 1 or 2 (or Geology 1, depending on the student's field of interest), and at least Biology 1 and 2. For advanced experimental Biology, Chemistry 4 may be necessary.

A gift from the class of 1915 enables the department to house and display the extensive collections of the college so that they are available to anyone interested in the natural history of the Philadelphia area.

Major Requirements

Biology 1, 2, 7, and one of 3, 4, and 5.

Two courses chosen from Physics 1 or 2, Chemistry 2, and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of sophomore year and date of the comprehensive examination.

A comprehensive examination on the courses taken and the reading done is required to be passed. This examination will be partly written (approximately 4 hours), and partly oral.

1. General Zoölogy.—Lectures, W. S. 11:30; laboratory, W. F. 1:05-3:30. PROFESSORS DUNN and HENRY.

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week.

2. General Botany.—Lectures, W. F. 8:30; laboratory, Tu. Th. 1:05-3:30. PROFESSOR HENRY.

The laboratory work of this course consists of the dissection and study of typical representatives of the principal groups of plants.

3. Vertebrate Morphology.—Lecture, Th. 10:30; laboratory, Tu. Th. 1:05-3:30. PROFESSOR DUNN.

The laboratory work of this course includes the dissection of a specimen of each of the major types of vertebrates. The lectures deal with the origin, status, and evolution of the organ systems of vertebrates. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*.

4. Local Flora.—Lecture, F. 11:30; laboratory hours to be arranged. PROFESSOR HENRY.

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2*.

[Offered in 1940-41; not to be offered in 1941-42.]

5. Entomology.—Lecture, F. 11:30; laboratory hours to be arranged. PROFESSOR HENRY.

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification and permanent mounts are made of many of them. The preparation of local collections is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*.

[Not offered in 1940-41; to be offered in 1941-42.]

7. Evolution, Heredity, and Other General Biological Problems.—Tu. Th. S. 8:30. PROFESSOR DUNN.

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on current biological matters, especially students of Sociology, Philosophy and History, and of other Sciences. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors.

[Offered in 1940-41; not to be offered in 1941-42.]

10. Seminar Courses.—Hours to be arranged. Required of candidates for Honors in Biology.

Open only by permission of the Instructor.

Vertebrate Zoölogy—Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*; *Biology 3* or with *Biology 3*. PROFESSOR DUNN.

Advanced Morphology—Study of morphological problems in animals. Prerequisite, *Biology 3*. PROFESSOR DUNN.

Ecology and Distribution—Problems of habitat relationships of geographical relationship of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2*. PROFESSORS DUNN and HENRY.

Genetics—Problems of Genetics. Primarily for Graduate Students. PROFESSOR DUNN.

Advanced Botany—Studies in comparative anatomy of plants. Prerequisite, *Biology 2, 4*. PROFESSOR HENRY.

CHEMISTRY

The courses required for the Chemistry Major are designed to meet the requirements set up by the American Chemical Society for the education of professional chemists. For those students who intend to enter medical school or for others who wish to study chemistry without the intention of becoming professional chemists, a Premedical Chemistry Major which includes courses in chemistry and other premedical sciences is offered. Any student who plans to attend medical school should, regardless of the department in which he majors, take Chemistry 1 (or its equivalent), 2, 3, 4, and 5.

In addition to the laboratory fee referred to on page 40, each student is required to make a deposit of \$10 to cover breakage and other special charges. This deposit must be paid before a laboratory desk is assigned. Any balance remaining is refunded at the end of the year.

Major Requirements

Chemistry Major

Chemistry 1 (or its equivalent), 2, 3, 4, 5, 7a, 7b, 8a, 9b, and 10a, Mathematics 1 and 2, Physics 2, and German A and 1 (or a reading knowledge of German). The major examination will cover the chemistry courses only, with emphasis upon courses 2, 3, 4 and 5.

Premedical Chemistry Major

Chemistry 1 (or its equivalent), 2, 3, 4, 5 and either 8a or 10a, Biology 1 and 3, and Physics 2. The major examination will cover Chemistry 2, 3, 4, 5 and in part Chemistry 1.

Seniors majoring in the department will meet with members of the staff for a critical discussion of the chemical principles studied in the required courses and of the applications of these principles.

Candidates for final honors in Chemistry are expected to do additional work during the Junior and Senior years in short courses selected from: Chemical German reading, semimicro analysis, history of chemistry, glassblowing, chemical industry, chemical microscopy, biochemistry, and special topics in inorganic chemistry.

1. Introductory General Chemistry.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, W. or Th. 1:05-3:30. PROFESSOR CADBURY and MR. KOLB.

Primarily for Freshmen and Sophomores who have not had chemistry in preparatory school. Limited to thirty-two students. Additional reading required of Juniors and Seniors.

Lectures and laboratory work dealing with the preparation, properties, and uses of the more common elements and their compounds; fundamental laws and theories; and the general principles of chemistry applied to industrial processes.

2. Advanced Inorganic Chemistry and Qualitative Analysis.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, Tu. Th. or two periods from M. W. F. 1:05-3:30. PROFESSORS MELDRUM and JONES and MR. ATTEBERRY.

Primarily for Freshmen and Sophomores who have had chemistry in preparatory school or who have passed Chemistry 1. Fundamental laws and theories. Reaction velocity and equilibrium. Theories of ionization and atomic structure applied to explain solution and electrolytic phenomena and the mechanism of chemical reactions. Qualitative analysis using semimicro methods constitutes the laboratory work.

3. Quantitative Analysis.—Lectures, Tu. and Th. 10:30; laboratory, Tu. Th. or W. F. 1:05-3:30. PROFESSOR MELDRUM.

Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods of analysis. In the laboratory, typical methods are applied. Prerequisite, *Chemistry 2* and *Mathematics 1*.

4. Organic Chemistry.—Lectures, W. F. and occasionally M. 10:30; laboratory, two periods from M. Tu. W. 1:05-3:30. PROFESSORS MELDRUM and JONES and MR. KOLB.

A study of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, *Chemistry 2*.

5. Physical Chemistry.—Lectures, Tu. and S. 8:30; laboratory, Th. or F. 1:05-3:30. PROFESSOR CADBURY.

Gases; colloids and adsorption; osmotic pressure and other properties of solutions; the phase rule; conductance, electromotive force, and hydrogen ion concentration; reaction velocity and catalysis. Prerequisite, *Chemistry 3*.

6a, 6b. Special Topics in Theoretical Chemistry.—Hours to be arranged. PROFESSOR MELDRUM.

Open only to graduate students.

7a, 7b. Advanced Physical Chemistry.—Lectures, M. W. F. 9:30. PROFESSOR CADBURY.

Thermodynamics and its application in physical chemistry. Modern theories of solutions. Chemical kinetics and photochemistry. Prerequisite, *Chemistry 2*, *Mathematics 2*, and *Chemistry 5* or *Physics 2*.

Laboratory work, to be arranged, is substituted for part of the class work.

8a. Advanced Organic Chemistry.—Lectures, W. F. 8:30; laboratory, W. or Th. 1:05–3:30, first half-year. PROFESSOR JONES.

A study of carbohydrates, proteins, amino acids, stereochemistry, reaction rates, and special reactions. The identification of organic substances by classification reactions and by the preparation of derivatives constitutes the laboratory work. Prerequisite, *Chemistry 4*.

9b. Advanced Quantitative Analysis.—Lectures, W. and occasionally F. 8:30; laboratory, M. F. 1:05–3:30, second half-year. PROFESSOR JONES.

Selected topics in analytical chemistry, including electroanalysis, colorimetric methods, organic analysis, and the newer instrumental methods, are discussed in the lectures and applied in the laboratory. Prerequisite, *Chemistry 3*.

10a, 10b. Chemistry Research.—Hours to be arranged. PROFESSORS MELDRUM, CADBURY, and JONES.

Open only to Senior chemistry majors and graduate students in chemistry. May be elected as one or more courses.

ECONOMICS

The instruction in Economics is intended primarily to give students an understanding of the working of modern economic society, rather than to give training in business methods. The advanced courses are designed to give a liberal education, and to arouse an informed interest in public affairs, as well as to meet the needs of men going into business or finance, or going on to graduate work in economics or business administration. Several of the advanced courses are designed to be of special value to men planning to enter the foreign service or other fields of government work, or to go into journalism or law. A number of the courses acquaint the student with source material in the college library and elsewhere, and with research methods in economics, and give practice in the preparation of analyses and reports.

Men majoring in Economics should take supporting work in the fields of Government, History, and Sociology, and are encouraged to take *Introduction to Statistics*, offered by the Department of Mathematics. *Mathematics 1* is a prerequisite to *Statistics*.

Economics 1 is elective for Sophomores and is a prerequisite to all other courses in Economics. It may be taken by Freshmen with the permission of the Dean of Freshmen, and by Juniors and Seniors with the permission of the professor in charge.

Major Requirements

Economics 1, 4a, 9a, 11a, and three other half-year courses in Economics.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the major courses and the readings. A part of the comprehensive examination may be oral.

1. Elementary Economics.

Section 1—M. W. F. 8:30. PROFESSOR TEAF.

Section 2a—M. W. F. 9:30. PROFESSOR FETTER.

Section 2b—M. W. F. 9:30. PROFESSOR COPPOCK.

Section 3—M. W. F. 11:30. PROFESSOR TEAF.

(The three sections will meet together occasionally at the 11:30 hour on Wednesday. All students electing the course must have this hour free.)

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present day problems.

2a. Industry and Society.—Tu. Th. S. 9:30, first half-year. PROFESSOR WATSON.
See *Sociology 4a*.

3b. Human Relations in Industry.—Tu. Th. S. 9:30, second half-year. PROFESSOR WATSON.

See *Sociology 5b*.

4a. Money and Banking.—M. W. F. 11:30, first half-year. PROFESSOR FETTER.

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, and central banking and the Federal Reserve System are considered.

5b. International Trade and Finance.—M. W. F. 11:30, second half-year. PROFESSOR COPPOCK.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness. Prerequisite, *Economics 4a*.

6b. The Corporation.—M. W. F. 9:30, second half-year. PROFESSOR TEAF.

Economic functions and legal responsibilities of the corporation and its members; fixed capital, and the analysis of financial statements; policies involving surplus, reserves, dividends, etc.; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 11a*.

7b. Transportation.—M. W. F. 10:30, second half-year. PROFESSOR FETTER.

A study of the historical development and present status of railroads, inland waterways, and highway and air transportation in the United States. Among the problems discussed are public regulation of common carriers; rate making; valuation, consolidation, and intercorporate relations of railroads; the relation of railroads to other transportation agencies.

[Not offered in 1940-41; to be offered in 1941-42.]

8a. Government Finance.—Tu. Th. 2-3:30, first half-year. PROFESSOR HERNDON.

See *Government 8a.*

[Not offered in 1940-41; to be offered in 1941-42.]

9a. Modern Economic Problems.—Tu. Th. S. 8:30, first half-year. PROFESSOR FETTER.

A study of selected economic problems of modern times, with special attention to their relation to economic theory. A conference course limited to ten students.

10a. Government and Business.—M. W. F. 10:30, first half-year. PROFESSOR TEAF.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations, and the regulation of securities and securities exchanges.

Also called *Government 10a.*

11a. Accounting.—M. W. F. 9:30, first half-year. PROFESSOR TEAF.

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

12b. Modern Economic Theory.—M. W. F. 10:30 second half-year, PROFESSOR COPPOCK.

A study of the scope and method of modern economic analysis; determination of prices, with special reference to the leading types of demand and cost situations in a free-enterprise economy; price and output adjustments; considerations of pricing policy in a planned economy.

[To be offered only in 1940-41.]

15a, 15b. Seminar.—Hours to be arranged. PROFESSORS FETTER and TEAF.

Readings, reports, and conferences on selected topics, to meet the individual needs of graduate students.

ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to illustrate the application of these principles to their associated industries. Engineering today covers an extremely broad field of service, and there is accordingly no standard type of training suitable for all students preparing themselves for an engineering career. The lack of a broad education and of thoroughness in fundamentals has been universally recognized as limiting the usefulness and opportunities of many in the engineering profession. To provide against these deficiencies students majoring in engineering will be required to pursue additional studies of a general nature (history, ethics, economics, languages, etc.) throughout the four years, and to concentrate largely on

mathematics, physics, and chemistry. This combination of breadth with thorough groundwork prepares the way for the highest professional development.

Students not intending to enter the highly specialized fields of design and research will find the Haverford courses ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges. Those who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The engineering courses are conducted in the Hilles Laboratory of Applied Science, a modern building containing offices, class-rooms, drawing rooms, a departmental library, mechanical and electrical laboratories, locker rooms, etc.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

A typical course in fundamental engineering, similar to those variously announced as "General Engineering," "Engineering Administration," etc. is outlined immediately below.

FRESHMAN YEAR

Principles of Engineering Drawing and Shop Methods
Engineering Orientation and Surveying
Inorganic Chemistry and Qualitative Analysis
Mathematics
English Composition and Literature and Public Speaking
Foreign Language
Physical Education

SOPHOMORE YEAR

Kinematics of Machines
Analytical Mechanics
General Physics
Calculus
Introduction to Political Science
Elementary Economics
Physical Education

JUNIOR YEAR

Elements of Applied Electricity
Alternating Currents
Thermodynamics
Quantitative Analysis
Differential Equations
Government and Business
Sociology
Social Problems
Physical Education
Seminar

SENIOR YEAR

Heat Engineering
Materials of Engineering
Strength of Materials
Special Project in Engineering
Internal Combustion Engines
Accounting (or Statistics)
American Literature
The Corporation
Industry and Society Seminar

The specific courses offered are described below; but, in addition, others may be arranged to cover special needs. Application for admission to such courses should be made to the professor in

charge. Engineering 10 and 11 may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

Major Requirements

Engineering 1a, 1b, 2b, 4a, 5b, 10a, 10b.

Mathematics 2, Physics 2 and two additional half-year courses from Engineering, Mathematics, Physics, or Chemistry.

An active interest in current professional work.

Comprehensive examination.

A. Shop Methods.—Hours to be arranged, first or second half-year. MR. RANTZ.

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Modern production methods; costs and time studies. Prerequisite, *Engineering 1*. Reference library.

1a. Principles of Engineering Drawing and Shop Methods.—Drawing Tu. Th. 1:05-3:30; shop period and inspection trips to be arranged, first half-year. PROFESSORS HETZEL, HOLMES and MR. RANTZ.

Lettering, conventions, projection, perspective, sketching, detail and assembly drawings, checking and blue printing. Text: French, *Engineering Drawing*, and French and McCully, *Engineering Drawing Sheets*. Woodworking, pattern and foundry work in shop. Reference library.

1b. Engineering Orientation.—Tu. Th. 1:05-3:30; shop period and inspection trips to be arranged, second half-year. PROFESSORS RITTENHOUSE, HOLMES, HETZEL and MR. RANTZ.

The purpose of this course is to inform students as to the nature and scope of various fields of engineering and to acquaint them with typical engineering equipment and problems. Exercises in machine-tool work, in plane surveying and in the mechanical and electrical laboratories. Discussions and reports. Reference library.

2a. Kinematics of Machines.—Th. 10:30, M. W. 1:05-3:30, first half-year. PROFESSOR HETZEL.

Velocity and acceleration analysis of mechanisms; cams, belts and chains, gears, etc. Occasional inspection trips. Text: Keown and Faires, *Mechanism*, and Headley, *Problems in Kinematics*.

2b. Analytical Mechanics.—Tu. Th. S. 10:30, second half-year. PROFESSOR HOLMES or HETZEL.

A study of forces and moments of forces; determination of stresses in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Text: Seely and Ensign, *Analytical Mechanics for Engineers*. Prerequisite or parallel course, *Mathematics 2*.

3a or 3b. Descriptive Geometry.—Hours to be arranged; PROFESSOR HOLMES.

Advanced orthographic projections; applications to engineering structures. Theory and plates.

4a. Heat Engineering.—M. W. F. 8:30; laboratory period and inspection trips to be arranged, first half-year. PROFESSORS HOLMES and HETZEL.

This course includes a study of steam and gas engines, turbines, condensers, air-compressors, steam boilers, power-plant economies, and cost of power. The thermodynamic principles involved are considered in the first part of the course. Text: Severns and Degler, *Steam, Air and Gas Power*.

In general, one laboratory period a week is required. The laboratory exercises

parallel the classroom work and include boiler and engine testing, fuel tests, gas analysis, calibration of instruments, etc. Comprehensive reports for each test are required. Reference library.

4b. Thermodynamics.—Hours to be arranged, second half-year. PROFESSORS HOLMES and HETZEL.

Energy, gas laws, vapors, mixtures of gases and vapors, flow of fluids, theoretical and actual thermodynamic cycles for power and refrigeration.

5a. Materials of Engineering.—Two class hours, laboratory periods and inspection trips to be arranged, first half-year. PROFESSOR HOLMES.

A study of the production and engineering properties of metals, their alloys and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals and alloys, hardness testing, etc. Text: Mills, *Materials of Construction*. Reference library.

[Offered in 1940-41; not to be offered in 1941-42.]

5b. Strength of Materials.—W. F. 8:30; laboratory period and inspection trips to be arranged; second half-year. PROFESSOR HOLMES and MR. RANTZ.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials*.

6b. Internal Combustion Engines.—Hours to be arranged, second half-year. PROFESSOR HETZEL.

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. Text: Lichtry, *Internal Combustion Engines*.

7a. Fluid Mechanics.—Three class hours with occasional laboratory tests, first half-year. PROFESSOR HOLMES.

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. Text: Dodge and Thompson, *Fluid Mechanics*.

[Not offered in 1940-41; to be offered in 1941-42.]

8a or 8b. Mechanical Laboratory.—Hours to be arranged, first or second half-year. PROFESSORS HOLMES and HETZEL.

Operation, testing, and theory of steam, gas, hydraulic, and air machinery. Two periods of experimental work per week with reports on each test. If taken as 8a, the course may be continued through the second half-year by arrangement. Prerequisite, *Engineering 4a*. Reference library.

10a. Elements of Applied Electricity.—Tu. Th. 10:30; laboratory, W. or Th. 1:05-3:30, first half-year. PROFESSOR RITTENHOUSE.

This course while fundamental to the more advanced electrical courses is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, d.c. generators and motors, lamps, heaters, etc. The instruction is carried on by textbook and laboratory work. Text: Cook, *Elements of Electrical Engineering*.

10b. Alternating Current Theory and Practice.—Tu. Th. 10:30; laboratory, W. or Th. 1:05-3:30, second half-year. PROFESSOR RITTENHOUSE.

A continuation of course 10a, with a more detailed study of alternating currents including applications to power and communication apparatus.

11a. Electrical Circuits and Measurements.—Hours to be arranged, first half-year. PROFESSOR RITTENHOUSE.

Circuit theory and laboratory work covering magnetic, inductive, capacitive and polyphase circuits; transients, non-sinusoidal voltages and currents. Text: Weinbach, *Alternating Current Circuits*.

11b. Electrical Circuits and Measurements.—Hours to be arranged, second half-year. PROFESSORS RITTENHOUSE and HETZEL.

Circuit theory and laboratory work covering especially electron tubes, rectifiers, amplifiers, communication apparatus, etc.

15a, 15b. Special Projects in Engineering.—Hours to be arranged. PROFESSORS RITTENHOUSE, HOLMES and HETZEL.

Students majoring in Engineering are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to one or two semester courses in comprehensive reading and experimental work on some particular topic.

ENGLISH LANGUAGE AND LITERATURE

The department believes that it must make sure that all undergraduates are prepared to use the English language efficiently in their college courses, regardless of the nature of those courses. Freshmen, therefore, are required to prove their ability in this respect.

It believes further that it must provide a general cultural background for those students whose interests are chiefly scientific or technical. It offers, therefore, intermediate courses in English and American literature, designed primarily from the point of view of general culture.

It believes, finally, that it must provide courses for students who intend to do graduate work in literature or related fields. It offers, therefore, advanced courses designed both in content and method to train students with serious special interests.

The department recognizes that these intentions cannot be rigidly differentiated, and there is no intention that they should be. Considerable freedom is possible for the individual student after consultation with the department.

Major Requirements

An individual program equal to six full-year courses, made up principally from the starred English courses with the approval of the Major Supervisor, and stressing Elizabethan and nineteenth-century literature. Greek 6b is usually required.

English Aa. Methods and Techniques of College Work.—Lecture T. Th. 10:30, first half year. PROFESSOR REITZEL assisted by MR. GIBB.

This course is used to make sure that students have been adequately prepared in the routines that the faculty believes necessary for efficient college work. These routines are specified as follows:

1. The use of a library
2. The standard forms and principles of documentation
3. Elementary research
4. An elementary knowledge of logical methods and their occurrence in college work
5. A practical skill in expository writing

Students can obtain release from this work as soon as they satisfy the instructors of their proficiency, though normally this is not before the end of the first quarter.

No numerical grade is recorded for this course: the student is reported as "satisfactory" or "unsatisfactory."

Public Speaking Aa.—One hour to be arranged, first half-year. PROFESSOR MONTGOMERY.

A diagnosis of the student's voice and speech, with recommendations for their improvement. Instruction and practice in extemporaneous speaking.

Students cannot normally obtain release from this work.

No numerical grade is recorded for this course: the student is reported as "satisfactory" or "unsatisfactory."

N.B. English Aa and Public Speaking Aa, although under the direction of the English Department, are fundamental to the entire curriculum of the College and not only to the English Department's plan of courses in literature.

English 1a. Advanced Freshman English.—Hours to be arranged, first half-year. Elective for those students who satisfy the instructor and the administration of their eligibility for advanced work. PROFESSOR REITZEL and MR. GIBB.

English 2b. The History of English Literature.—T. Th. S. 10:30, second half-year. PROFESSOR REITZEL.

3a. Shakespeare.—Tu. Th. S. 8:30, first half-year. PROFESSOR HOTSON.

Rapid reading of several plays with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

4b. The Contemporary Drama.—Tu. Th. S. 8:30, second half-year. PROFESSOR SNYDER.

A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Not restricted, but offered primarily for Sophomores.

5a.* Elizabethan Literature.—M. W. F. 9:30, first half-year. PROFESSOR HOTSON.

Plays, lyrics, and pastorals by authors other than Shakespeare. *The Faerie Queene*. Offered primarily for Juniors majoring in English or a foreign literature. Prerequisite, *English 3a*.

6a.* Advanced Composition.—Tu. Th. 1:30-3:00, first half-year. PROFESSOR HOTSON.

For students who have some skill in writing. Limited to twelve Juniors and Seniors. Writing in any of the principal forms will be acceptable, but verse, fiction, and criticism are preferred. Class discussion and criticism. Apply in advance.

[Offered in 1940-41; not to be offered in 1941-42.]

8a.* Chaucer.—Tu. Th. S. 10:30, first half-year. PROFESSOR HOTSON.

The *Canterbury Tales* and a wide selection of the other poems. Open to Juniors and Seniors.

[Not offered in 1940-41; to be offered in 1941-42.]

* Students whose field of major concentration is remote from English may not elect the course without permission of the instructor.

12a.* Eighteenth-Century Literature.—Tu. Th. S. 9:30, first half-year. PROFESSOR SNYDER.

Essays, dramas, and Boswell's *Life of Johnson*. Open to Juniors and Seniors.

12b.* Eighteenth-Century Literature.—Tu. Th. S. 9:30, second half-year. PROFESSOR SNYDER.

Novels, poetry, and biographies of leading men of letters. Prerequisite, *English 12a*.

13a.* Nineteenth-Century Poetry.—M. W. F. 10:30, first half-year. PROFESSOR SNYDER.

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

14b.* Nineteenth-Century Prose.—M. W. F. 10:30, second half-year. PROFESSOR REITZEL.

A study of the prose of the period 1830–1900, with special emphasis on fiction and on critical writings. The relation between economic and literary tendencies is emphasized.

15a. American Literature to the Civil War.—Tu. Th. S. 10:30, first half-year. PROFESSOR SNYDER.

Elective for all Juniors and Seniors.

[Not offered in 1940–41; to be offered in 1941–42.]

15b. American Literature Since the Civil War.—Tu. Th. S. 10:30, second half-year. PROFESSOR SNYDER.

Elective for all Juniors and Seniors.

[Not offered in 1940–41; to be offered in 1941–42.]

17b.* The Development of the Drama.—Tu. 8–10 P.M. and by appointment, second half-year. PROFESSOR SNYDER.

A rapid survey of the development of the drama in Greece, Italy, Spain, France, and Germany, illustrated by famous plays read chiefly in translation. Emphasis is put on comedy. Open to Juniors and Seniors. Prerequisite, *English 3a* or *4b*.

[Offered in 1940–41; not to be offered in 1941–42.]

18a.† Special Topics in Shakespeare.—M. 7:30–9:00 P.M. W. 1:00–2:30, first half-year. PROFESSOR HOTSON.

Apply in advance. Prerequisite, *English 5a*.

21a.† Special Topics in Poetry.—Tu. 8–10 P.M. and by appointment, first half-year. PROFESSOR SNYDER.

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Apply in advance. Prerequisite, *English 13a*.

22b.† Special Topics in Prose of the Romantic Period.—M. W. F. 9:30, second half-year. PROFESSOR REITZEL.

Apply in advance.

* Students whose field of major concentration is remote from English may not elect the course without permission of the instructor.

† Required of Seniors majoring in English and open to a few others especially well qualified.

FRENCH

The introductory courses are designed to give a thorough knowledge of grammar as a basis for accurate reading and writing in French. The advanced language courses stress accuracy and fluency in translation and attempt to achieve an understanding of the subtleties of the French language. A considerable amount of difficult French is read to acquaint the student with the finer points of literary style.

For the lecture courses in literature, the student must have a thorough knowledge of the language. These courses are concerned not only with the evolution of the French language but also with the aesthetic, philosophic and moral values of the literature of France and its relation to other literatures and civilizations.

Major Requirements

French 2, 3, 4, 5, and 6.

Latin 2 or German 2.

History of France 1515-1870.

A comprehensive examination, written and oral, including pronunciation and sight reading.

A. Elementary French.—M. W. F. 11:30. PROFESSOR MELCHIOR.

Elementary grammar and the reading of simple texts. Emphasis will be laid on pronunciation.

1. Intermediate French.

Section 1—M. W. F. 9:30. MR. BLANC-ROOS.

Section 2—Tu. Th. S. 9:30. PROFESSOR MELCHIOR.

Grammar, composition, and reading, both in the classroom and as outside work. Prerequisite, *French A* or entrance *French 2*.

2. Advanced Intermediate French.

Section 1—M. W. F. 9:30. PROFESSOR MELCHIOR.

Section 2a—M. W. F. 10:30. PROFESSOR MELCHIOR.

Section 2b—M. W. F. 10:30. PROFESSOR WILLIAMSON.

Section 3—Tu. Th. S. 9:30. PROFESSOR WILLIAMSON.

Composition. Reading of French classics. Prerequisite, *French 1* or entrance *French 3*.

3. Advanced French.—M. W. F. 9:30. PROFESSOR WILLIAMSON.

Reading course in French literature of the nineteenth and twentieth centuries, both in the classroom and as outside assignments. Prerequisite, *French 2*.

4. History of French Literature.—Tu. Th. S. 9:30. PROFESSOR WILLIAMSON.

Lectures, with collateral reading and reports on the history of French literature from its origins to the present time. Prerequisite, *French 2*.

[Not offered in 1940-41; to be offered in 1941-42.]

5. Advanced French Composition and Conversation.—Tu. Th. S. 8:30. PROFESSOR MELCHIOR.

6a. French Literature of the Seventeenth Century.—Hours to be arranged, first half-year. PROFESSOR WILLIAMSON.

Lectures, reports and discussions on the main currents of thought and outstanding literary figures of the century. Prerequisite, *French 3* or *French 4*.

[Offered in 1940-41; not to be offered in 1941-42.]

6b. French Literature of the Eighteenth Century.—Hours to be arranged, second half-year. PROFESSOR MELCHIOR.

Lectures, reports and discussions on the main currents of thought of the Age of Reason. Prerequisite, *French 3* or *French 4*.

[Offered in 1940-41; not to be offered in 1941-42.]

(*French 5, 6a, and 6b* may be elected only by qualified Juniors and Seniors after consultation with the professor in charge.)

GEOGRAPHY AND GEOLOGY

1. Geography and Geology.—Tu. Th. S. 8:30. PROFESSOR DUNN.

A discussion of the general principles of the sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

[Not offered in 1940-41; to be offered in 1941-42.]

GERMAN

A, 1, 2, and 4a are primarily language courses. The remaining courses are devoted primarily to the history of German literature, or to the intensive study of special periods or authors. The courses in literature are open only to Juniors and Seniors and to especially well qualified Sophomores.

Opportunity is given to students who complete *German A* or *German 1* with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation reading.

Major Requirements

German 2, 3, 4a, 5a, 5b, 6, and 7b.

Supporting courses to be arranged in conference with PROFESSOR J. A. KELLY.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 1517-1914; and 5. A special period, literary movement, or author.

A. Elementary German.—Section 1—M. W. F. 9:30; Section 2—M. W. F. 10:30. PROFESSORS J. A. KELLY and PFUND.

Grammar, conversation, and the reading of simple texts.

1. Intermediate German.—Section 1—M. W. F. 9:30; Section 2—M. W. F. 10:30. PROFESSORS J. A. KELLY and PFUND.

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. So far as practicable German is the language of the classroom.

2. Advanced German.—Tu. Th. S. 9:30. PROFESSOR PFUND.

Reading of standard works of German literature. Composition and Conversation. Prerequisite, *German 1* or entrance *German 3*.

3. German Classics of the Eighteenth Century.—Representative works of Lessing, Goethe, and Schiller.—Hours to be arranged. PROFESSOR J. A. KELLY.

Prerequisite, *German 2* or the equivalent.

4a. Advanced Composition and Conversation.—M. 2:30, and one evening session; first half-year. PROFESSOR PFUND.

Prerequisite, *German 2* or the equivalent.

[Not offered in 1940–41; to be offered in 1941–42.]

5a. History of German Literature, from its origins to the seventeenth century.—Suggested hours, Tu. 7:30–10 P.M., first half-year. PROFESSOR PFUND.

Lectures in German, with collateral reading in modern German translation. Discussions. Written and oral reports.

Prerequisite, *German 2*.

[Offered in 1940–41; not to be offered in 1941–42.]

5b. History of German Literature, from the seventeenth century to the present.—Suggested hours, Tu. 7:30–10 P.M., second half-year. PROFESSOR PFUND.

A survey course with lectures in German. Collateral reading. Discussions. Written and oral reports.

Prerequisite, *German 2*.

[Offered in 1940–41; not to be offered in 1941–42.]

6. German Literature of the Nineteenth Century.—Hours to be arranged. PROFESSOR J. A. KELLY.

[Not offered in 1940–41; to be offered in 1941–42.]

7b. Faust.—Suggested hours, Tu. 7:30–10 P.M., second half-year. PROFESSOR PFUND.

An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature.

[Not offered in 1940–41; to be offered in 1941–42.]

8a. The Life and Works of Richard Wagner.—Hours to be arranged, first half-year. PROFESSOR J. A. KELLY.

9b. German Lyric Poetry.—Hours to be arranged, second half-year. PROFESSOR PFUND.

GOVERNMENT

Courses in the Government Department are designed with three purposes: to provide an understanding of the evolution of political ideas; to study contemporary forms and processes of local, state, national, and international government; to provide training for students planning to enter public service or the law.

Major Requirements

Four courses or eight half-year courses in Government, including Government 17b and either Government 1 or 2.

Two courses or four half-year courses in Economics (except Economics 1), History (except History 1), and Sociology.

A three-hour examination in political philosophy.

A three-hour examination covering studies in the American governmental system.

A three-hour examination in foreign governmental and international studies.

1. Introduction to Political Science.—Tu. Th. S. 9:30. PROFESSOR GERIG.

A study of the purposes of government and of the various types of machinery which nations have developed to achieve those ends, with particular attention to centralization or distribution of power and to the expanding scope of government.

This course is intended primarily for Sophomores, but in 1940-41 is open also to selected Freshmen and Juniors.

2. American Federal Government.—Tu. Th. S. 10:30. PROFESSOR HERNDON.

A study of the structure and administration of the American Federal Government, with a careful consideration of the leading court decisions.

This course is intended primarily for Sophomores, but in 1940-41 is open also to selected Freshmen and Juniors.

3. Contemporary Legislation.—W. F. 11:30. PROFESSOR HERNDON.

A detailed study of current Federal legislation.

This course may be taken only in conjunction with *Government 4*, but may be taken for credit in either the Junior or Senior year. Prerequisite, *Government 2*.

4. Background and Influence of Political Ideas.—M. 8 P.M. PRESIDENT MORLEY.

A survey of the theories underlying governmental policies, both in the United States and other nations. Current social movements and their relationship to the philosophy of political parties will be examined. The course will be conducted as a seminar, with individual reports on collateral reading. It may be taken only in conjunction with *Government 3*.

6a. Constitutional Law.—Tu. Th. 2-3:30, first half-year. PROFESSOR HERNDON.

A study of the principal decisions of the Supreme Court of the United States, together with practice in the writing of opinions and with lectures on certain significant developments in American constitutional history. Prerequisite, *Government 2*.

[Offered in 1940-41; not to be offered in 1941-42.]

8a. Government Finance.—Tu. Th. 2-3:30, first half-year. PROFESSOR HERNDON.

A study of the general principles of public expenditures, public revenues, public indebtedness and financial administration, and of the principles of equity in the distribution of tax burdens. Prerequisite, *Government 2* or *Economics 1*.

Also called *Economics 8a*.

[Not offered in 1940-41; to be offered in 1941-42.]

10a. Government and Business.—M. W. F. 10:30, first half-year. PROFESSOR TEAF.

See *Economics 10a*.

11b. State and Local Government.—Tu. Th. 2-3:30, second half-year. PROFESSOR HERNDON.

A study of the structure and administration of state and local government, with special reference to: Pennsylvania; Montgomery, Delaware and Philadelphia Counties; and Lower Merion Township. Prerequisite, *Government 2*.

12a. American Foreign Policy.—M. W. F. 1:30, first half-year. PROFESSOR GERIG.

A study of the basic foreign policies which have evolved in the experience of the American Nation, and the adaptations which have been found necessary in recent times. Prerequisite, *Government 1* or *Government 2*.

13b. International Relations.—M. W. F. 1:30, second half-year. PROFESSOR GERIG.

The evolution of interstate relations, the forces determining national foreign policies, and the areas of conflict or agreement of these policies. Prerequisite, *Government 12a*.

14. International Organization and Administration.—M. W. F. 9:30. PROFESSOR GERIG.

A study of the principal international organizations in the political, judicial, economic and cultural fields, as they have developed, and an examination of the ways in which they have functioned. Prerequisite, *Government 1* or *Government 2*. [Offered in 1940-41; not to be offered in 1941-42.]

15a. International Law.—M. W. F. 9:30, first half-year. PROFESSOR GERIG.

An examination of the principles of international law operative among nations and the development and interpretation of this body of law. Prerequisite, *Government 1* or *Government 2*.

[Not offered in 1940-41; to be offered in 1941-42.]

16b. Comparative Government.—M. W. F. 9:30, second half-year. PROFESSOR GERIG.

A study of the constitutional systems of the principal states and the ways in which the varied national philosophies and structures of government affect the problems of international cooperation. Prerequisite, *Government 1* or *Government 2*.

[Not offered in 1940-41; to be offered in 1941-42.]

17b. Political Philosophy.—Hours to be arranged, second half-year. PROFESSOR STEERE.

See *Philosophy 17b*.

GREEK*

Instruction in Greek aims from the outset to introduce the student to the thought and culture of ancient Greece. Greek language is important for its relations to other European languages and for its effect on modern scientific terminology, particularly in medicine.

Greek literature and thought have always been an important force in the modern world; in connection with their study the recurring principles of behavior, statecraft, philosophy, and drama are stressed.

Major Requirements

Greek 2, 3, and two half-year courses from Greek 4a, 4b, 5a, 5b, 6b, and History 10.

Three additional courses to be arranged in conference with Professor Post.

If Greek 1 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history and Greek civilization.

A. Elementary Greek.—M. W. F. 9:30 PROFESSOR POST.

Thorough study of the elements of the language followed by the reading of simple Attic prose. This course gives adequate preparation for *Greek 1*. This course should be taken in Freshman year, if possible.

1. Intermediate Greek.—M. W. F. 11:30. PROFESSOR POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

2a, 2b. Advanced Intermediate Greek.—Tu. Th. S. 9:30. PROFESSOR POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

* See also History 10a.

3a, 3b. Advanced Greek.—Hours to be arranged. PROFESSOR POST.

The instructor will arrange with students electing this course for systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

4a, 4b. Advanced Greek.—Hours to be arranged. PROFESSOR POST.

A continuation of the work done in *Greek 3*.

5a, 5b. Advanced Greek Prose Composition.—Hours to be arranged. PROFESSOR POST.

This course should be taken by all candidates for final honors in Greek.

6b. Greek Literature in English.—M. W. F. 8:30, second half-year. PROFESSOR POST.

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential.

HISTORY

The study of History provides a background against which many current problems may be viewed to advantage, and it tends to develop critical standards for the evaluation of evidence. It is further important as a foundation for professional studies in fields such as the law.

Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History.

Two full-year courses or their equivalent in related departments.

Four review examinations of three hours each.

1. English History.—M. W. F. 10:30. PROFESSOR LUNT.

A survey of political, constitutional, economic, and social history, intended as an introductory course. Open to Freshmen and Sophomores.

2. Foundations of the United States, 1492–1865.—M. W. F. 8:30. PROFESSOR DRAKE.

Lectures, reading, and discussion in American colonial and early national history. Not open to Freshmen.

3. National Development of the United States, 1865 to the Present.—Tu. Th. S. 8:30. PROFESSOR DRAKE.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course, intended primarily for Juniors and Seniors.

4. English Constitutional History.—M. W. F. 9:30. PROFESSOR LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for Juniors, Seniors, and Graduates.

[Not offered in 1940–41; to be offered in 1941–42.]

5. Mediaeval History.—M. W. F. 9:30. PROFESSOR LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for Juniors, Seniors, and Graduates. Sophomores who have had *History 1* may also enter this course. Graduate students should have a reading knowledge of Latin, French or German.

[Offered in 1940–41; not to be offered in 1941–42.]

6. Modern European History.—M. W. F. 1:30. PROFESSOR LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for Juniors and Seniors. Sophomores who have had *History 1* may enter the course. [Not offered in 1940-41; to be offered in 1941-42.]

10a. Greek History.—Suggested hours, Tu. 7:30-10:30 P.M., first half-year. PROFESSOR COMFORT.

A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required. Not open to Freshmen.

11b. Roman History.—Suggested hours, Tu. 7:30-10:30 P.M., second half-year. PROFESSOR COMFORT.

A survey of Roman history to the time of Constantine. Frequent class reports on special topics. A knowledge of Latin is not required. Not open to Freshmen.

ITALIAN**A. Elementary Italian.**—M. W. F. 1:30. PROFESSOR WILLIAMSON.

Grammar, composition, and reading. Not open to Freshmen.
[Offered in 1940-41; not to be offered in 1941-42.]

1. Italian Literature.—Hours to be arranged. PROFESSOR WILLIAMSON.

The *Divina Commedia* and Italian classics both in the classroom and as outside work. Prerequisite, *Italian A*.
[Not offered in 1940-41; to be offered in 1941-42.]

LATIN*

The courses in Latin supplement the intensive foundation-work of the secondary school by means of more extensive reading over a wider range of literature, illustrating successive eras of culture from the third century B.C. to the sixteenth century A.D. By also inculcating a fuller knowledge of the Latin language as a tool, the same courses open the door to a better command of English, Romance languages, philosophy, and history.

Students who are deficient in their Latin entrance requirements for the A.B. degree and have passed only 2 units of Latin (see page 19) will be admitted to *Latin A*. Similarly, those who have passed only 3 units will be admitted to *Latin A* or *1*, depending on whether they have studied Vergil or Cicero in their third year. Those who have met the full entrance requirement by passing 4 units will be admitted to *Latin 2*. *Latin 2* is the course regularly required in college for the A.B. degree (unless Greek is elected instead of Latin). Students who have anticipated *Latin 2* by advanced work in the secondary school may obtain special permission to omit *Latin 2* and enter *Latin 3* or *4*. Students who take *Latin A* or *1* (or both) must also take *Latin 2* in order to qualify for the

* See also History 11b.

A.B. degree. *Latin 2 or 3 or 4* is the prerequisite for any higher course in the department.

Major Requirements

Four full-year courses in Latin (not including *A* and *I*).

Two such additional full-year courses in other departments as are arranged in conference between the student and Professors Lockwood and Comfort.

A comprehensive written examination on Roman history, literature, and civilization, and the classical heritage of medieval and modern times. Candidates for honors must also take an oral examination.

A. Cicero.—Hours to be arranged. PROFESSOR COMFORT.

Six *Orations* of Cicero and readings in other prose authors.

1. Vergil.—Hours to be arranged. PROFESSOR COMFORT.

Six books of Vergil's *Aeneid* and readings in other Roman poets.

2. Survey of Classical Roman Literature.—M. W. F. 2:30. PROFESSOR LOCKWOOD.

Rapid reading of classical authors from Plautus to Suetonius. Emphasis will be laid on literary history and appreciation. Text: Lockwood, *A Survey of Classical Roman Literature*.

3a. Roman Drama.—Suggested hours, M. W. F. 9:30, first half-year. PROFESSOR COMFORT.

Plautus, Terence, Seneca.

[Offered in 1940-41; not to be offered in 1941-42.]

3b. Roman Imperial Prose.—Suggested hours, M. W. F. 9:30, second half-year. PROFESSOR COMFORT.

Petronius, Tacitus, Pliny's *Letters*.

[Offered in 1940-41; not to be offered in 1941-42.]

4a. Roman Historians.—Suggested hours, M. W. F. 9:30, first half-year. PROFESSOR COMFORT.

Livy, Caesar, Cicero's *Letters*.

[Not offered in 1940-41; to be offered in 1941-42.]

4b. Poetry of the Golden Age.—Suggested hours, M. W. F. 9:30, second half-year. PROFESSOR COMFORT.

Catullus, Vergil, Horace, Ovid.

[Not offered in 1940-41; to be offered in 1941-42.]

Any of the following courses may be repeated with change of content, for full credit.

5. Survey of European Latin Literature.—Hours to be arranged. PROFESSOR LOCKWOOD.

Rapid reading of selections from the post-classical, Christian, mediaeval, and modern Latin writers; study of the phases of European civilization represented in Latin letters.

10a or 10b. Prose Composition.—Hours to be arranged, either half-year. PROFESSOR LOCKWOOD.

Required of candidates for Final Honors in Latin.

14a or 14b. Readings in Latin Literature.—Hours to be arranged. PROFESSORS LOCKWOOD and COMFORT.

Individual work. Each student may select a field of reading which is correlated with his other college courses (e.g., in philosophy, history, Romance languages, or

English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in *Latin 2, 3a, 3b, 4a, 4b*, or *5*.

15. Roman Law.—Hours to be arranged. PROFESSOR LOCKWOOD.

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

MATHEMATICS

Freshman mathematics is designed to provide that background of trigonometry, algebra, and analytic geometry which is necessary for any serious student of the physical or social sciences and which is culturally desirable for many others.

The more advanced courses are arranged to meet the needs of two groups in addition to those majoring in mathematics:

(1) Students of Chemistry, Physics, and Engineering, who should take *Mathematics 2* and in many cases *Mathematics 3* and *Mathematics 6a*.

(2) Students, such as economists, biologists, etc., who need statistics in their major fields and who should take *Mathematics 8a* and *9b*.

The department major prepares for teaching in preparatory schools, for graduate study leading to college teaching, and for statistical and actuarial work.

Major Requirements

Mathematics 1, 2, 3, 4, 5, 6a, and 10b.

Prescribed parallel reading on the history and general principles of Mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required of candidates for final honors.

It is recommended that facility in reading French and German be acquired as early in the College Course as possible.

1. Freshman Mathematics.—M. F. 11:30, Tu. Th. 8:30. PROFESSORS OAKLEY, ALLENDOERFER, and SUTTON, and DR. BETZ.

First semester—Trigonometry and Advanced Algebra. For those presenting Mathematics Gamma or the equivalent, a brief review of plane trigonometry will be followed by advanced plane and spherical trigonometry. For all others the course will begin with plane trigonometry including logarithms and the solution of triangles. Following the trigonometry all students will take *Topics in Algebra*, including complex numbers, combinations and permutations, determinants, and elements of the theory of equations. An advanced section will be operated for those who have already mastered these topics.

Second semester—Analytic Geometry: general methods with applications to conic sections and other curves; introduction to the geometry of three dimensions.

2. Calculus.—M. W. F. 8:30. PROFESSOR ALLENDOERFER and DR. BETZ.

Differential and Integral Calculus, with applications. Prerequisite, *Mathematics 1*. Specially well qualified Freshmen may elect this course with the permission of the department and the Dean of Freshmen. Such students will be required to spend one additional hour a week in a rapid course in analytic geometry.

3. Advanced Calculus and Differential Equations.—M. W. F. 8:30. PROFESSORS OAKLEY and WILSON.

Prerequisite, *Mathematics 2*.

4a, 4b. Introduction to Higher Algebra.—Hours to be arranged. PROFESSOR ALLENDOERFER.

Advanced theory of equations, determinants, matrices, elementary group theory, and an introduction to the theory of numbers. Prerequisite, *Mathematics 2*. [Offered in 1940–41; not to be offered in 1941–42.]

5a, 5b. Introduction to Higher Geometry.—Hours to be arranged. PROFESSOR ALLENDOERFER.

Projective geometry from the synthetic and the analytic points of view. Klein's theory of general geometries including the standard non-Euclidean cases. Prerequisite, *Mathematics 2*.

[Not offered in 1940–41; to be offered in 1941–42.]

6a. Partial Differential Equations and Fourier Series.—Suggested hours: M. W. F. 9:30, first half-year. DR. BETZ.

Problem course, with many applications to Chemistry, Engineering and Physics. Prerequisite, *Mathematics 3*.

8a. Introduction to Statistics.—M. W. F. 10:30 first half-year. PROFESSOR OAKLEY.

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation. Lectures and laboratory. Prerequisite, *Mathematics 1*.

[Offered in 1940–41 as second semester course; offered in 1941–42 as scheduled.]

9b. Advanced Statistics, Elementary Probabilities and Finite Differences.—M. W. F. 10:30, second half-year. PROFESSOR OAKLEY.

This course is designed for students who are interested in statistical and actuarial work. Prerequisite, *Mathematics 2* and *8a*.

[Not offered in 1940–41; to be offered in 1941–42.]

10a or 10b. Special topics.—Hours to be arranged. PROFESSORS OAKLEY and ALLENDOERFER, and DR. BETZ.

The content of this course may vary from year to year to suit the needs of advanced students. May be repeated for credit. Topics for 1940–41:

10a. Differential Geometry, PROFESSOR ALLENDOERFER;

10b. Functions of a Complex Variable, DR. BETZ;

10b. Theoretical Mechanics, PROFESSOR OAKLEY.

MUSIC

The Music Study and Class Room are located in the Haverford Union. The bulk of the material for study is formed by the Carnegie gift of 1933 consisting of a phonograph with a rich collection of records, scores, and books.

The Glee Club, a section of the Cap and Bells organization, consists of about fifty members and is under the direction of Mr. Lafford. It gives a series of concerts at neighboring educational

institutions, and, combined with the choir of Bryn Mawr College, a carol service during the Christmas season. Programs are selected from the works of the old masters and the best contemporary composers.

The Orchestra, under Mr. Lafford's direction, holds weekly joint rehearsals with the Bryn Mawr College orchestra. There are also occasional meetings of Chamber music groups.

A Hammond organ, with latest type (Model "E") console, is located in Roberts Hall. Elementary and advanced instruction in Organ is offered by Mr. Lafford.

1. Introduction to Music, Analysis of Musical Forms, and Historical Survey.—M. W. F. 11:30. PROFESSOR SWAN.

As indicated above, the purpose of the course is a three-fold one: to define and clarify the scope of music for the average listener, to attain to a knowledge of the rudiments of music that will enable the student to analyse such classical forms as the fugue, sonata, or rondo, and to present the material in historical order, pointing out the place of music and the rôle of individual composers in the successive epochs of the Christian era (up to the middle of the 19th century).

2a, 2b. The Theory of Music.—Tu. Th. S. 10:30 MR. LAFFORD..

Introduction to Musical Theory, comprising the mechanics of notation, time, and of written music generally. Harmony, from two part and figured Harmony to unfigured Harmony in any form, and Counterpoint to fifth species in three parts, with an introduction to Fugue.

3. Advanced Theory of Music.—Tu. 1:30–3:30 MR. LAFFORD.

Counterpoint in four parts and fugue. Advanced harmony and practice in the elementary forms of composition.

PHILOSOPHY

The courses in philosophy are intended to help men face and examine the great issues of life, to acquaint them with the major currents of reflection upon the nature of the universe, and to assist them in finding their own way to a more ordered and intelligent relation with their world. The work aims to acquaint the students with the great classical thinkers and movements of philosophy and to put them in touch with present day philosophical discussions.

Major Requirements

Philosophy 1a, 4, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

A comprehensive examination in two parts: three hours on the History of Philosophy and three hours on one optional field selected from Topics in Philosophy since 1800, or Religious Thought, or Psychology.

1a. Elementary Psychology.—M. F. 1:30, W. 11:30 or 1:30, first half-year. PROFESSOR THOMAS R. KELLY.

The problems of human nature will be faced in this course by means of lectures, discussions, and assigned readings. A textbook will be used to acquaint the student with the major findings of modern scientific investigators in this field, and group experiments will be conducted to illustrate important points. The student will be introduced to the significant rival schools of psychology.

2b. Advanced Psychology.—Tu. Th. S. 9:30, second half-year. PROFESSOR STEERE.

A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinics. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Philosophy 1a*.

This course is designed for advanced students and graduates only.

[Not offered in 1940-41; to be offered in 1941-42.]

3a. Introduction to Philosophy.—M. W. F. 8:30, first half-year. PROFESSOR THOMAS R. KELLY.

In this introductory course an attempt is made to orient the student in the whole field of philosophy, preparing him for the more specialized disciplines, such as ethics, logic, and the philosophy of science. The course deals with the philosophy of nature, the theory of knowledge, and the philosophy of spirit.

4. History of Philosophy.—M. W. F. 10:30. PROFESSORS STEERE and THOMAS R. KELLY.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers, reports, lectures, and class discussions. *Philosophy 3a* is recommended but not required.

5b. Nineteenth-Century Thinkers.—Hours to be arranged, second half-year, PROFESSOR STEERE.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Open only to Juniors and Seniors, except by permission of instructor.

[Not offered in 1940-41; to be offered in 1941-42.]

6b. Logic.—Tu. Th. S. 8:30, second half-year. PROFESSOR THOMAS R. KELLY.

The course is designed to acquaint the student with the logic of scientific method and to develop facility in the classical deductive logic. In addition, the recent expansion of this latter field through the development of symbolic logic is examined. Elective for Juniors and Seniors.

[Not offered in 1940-41; to be offered in 1941-42.]

7a. Ethics.—M. F. 2:30, W. 11:30, first half-year. PROFESSOR STEERE. (PROFESSOR BLANSHARD 1940-41 only.)

The course will study (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the rôle of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures and papers.

7b. Oriental Philosophy.—M. W. F. 8:30, second half-year. PROFESSOR THOMAS R. KELLY.

An introduction to life ideals and philosophic speculations of Eastern peoples, particularly those of China and India. Each year in which the course is offered, special emphasis will be laid upon the thought of one country. The emphasis during 1940-41 will be upon the philosophy of China.

[Offered in 1940-41; not to be offered in 1941-42.]

8. Philosophical Seminar.—Hours to be arranged. PROFESSORS STEERE and THOMAS R. KELLY.

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for seniors majoring in philosophy and for graduates.

9a. Classics of Religious Literature.—Tu. Th. S. 8:30, first half-year. PROFESSOR STEERE.

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; *Little Flowers* of Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Theresa of Avila, *Autobiography*; Frances de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Preces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrrell, *Autobiography*. [Not offered in 1940–41; to be offered in 1941–42.]

10b. History and Philosophy of Quakerism.—M. F. 2:30, W. 11:30, second half-year. PROFESSOR THOMAS R. KELLY.

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The development of the dominant Quaker conceptions is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen.

[Not offered in 1940–41; to be offered in 1941–42.]

11a. Aesthetics.—Hours to be arranged, first half-year. PROFESSOR MANDELBAUM.

A study of the nature of the aesthetic experience. Lectures, papers and discussions.

[Offered in 1940–41 only.]

17b. Political Philosophy.—Hours to be arranged, second half-year. PROFESSOR STEERE.

A study of the writings of the most important political philosophers: ancient, mediaeval and modern.

Also called *Government 17b*.

[Not offered in 1940–41; to be offered in 1941–42.]

PHYSICAL EDUCATION

The college equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a concrete and wood grandstand and 440-yard oval and 220-yard, six-lane straightaway cinder tracks; the Class of 1888 and Merion Fields for Association (soccer) football, both of which are used for baseball in the spring; a skating pond; Cope Field for cricket, with players' pavilion; an athletic field, presented by the Class of 1916; a baseball field, presented by the Class of 1922 and used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923.

The Gymnasium contains a main floor, sixty by ninety feet, used for basketball and intramural sports. It has a banked run-

ning track, five feet in width. Adjoining the main floor are offices for the instructors, the administration of physical examinations, and for special student conferences. Adjoining the main hall is a large and comfortable reading room and apartments for the use of the College athletic coaches and alumni. The basement contains dressing rooms, a number of well ventilated lockers, shower baths, a pool, a wrestling room and storage room for athletic equipment. There is a special dressing room provided for visiting athletic teams. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash and golf are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required of Freshmen; Course 2, of Sophomores; Course 3, of Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year. For *Physical Education 1 and 2*—a half course credit will be given. For *Physical Education 3*—a pass or failure will be shown.

Work on varsity and junior varsity squads may be substituted for regular Physical Education requirements.

1. Physical Education.—Three hours. PROFESSOR RANDALL, MR. EVANS, MR. HADDLETON, MR. DOCHERTY, and others.

A course of elementary instruction in athletic games, including football, soccer, basketball, tennis, golf, track, volley ball, handball, badminton; partly elective. Special corrective exercises during the 2nd and 3rd quarters.

2. Physical Education.—Three hours. PROFESSOR RANDALL, MR. EVANS, MR. HADDLETON, MR. DOCHERTY, and others.

A course of advanced instruction in athletic games with emphasis on intramural sports.

3. Physical Education.—Three hours. PROFESSOR RANDALL, MR. EVANS, MR. HADDLETON, MR. DOCHERTY, and others.

A course almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.

PHYSICS

The introductory courses are *Physics 1* and *2*. The first of these covers elementary Physics a little more thoroughly than a secondary school course, but the laboratory work is designed especially for those who do not expect to specialize in physics. *Physics 2* is the basic course for further work in physics, chemistry, or engineering. It covers the work required in physics for admission to many medical schools.

Students intending to specialize in physics, chemistry, or medicine should also elect *Physics 3*.

Major Requirements

Physics 2, 10 and one and one-half or two full-year courses from Physics 3, 4a, 4b, 5a, 6b, 7a, 8b.

History of Physics.

Mathematics 2, and one or one and one-half courses from Chemistry 1 or 2, Engineering 10, 11, Astronomy 1a, 2b, or additional mathematics.

A comprehensive examination based upon above-mentioned courses.

1. Introductory Physics.—M. W. F. 9:30; laboratory W. 1:05-3:30. PROFESSOR SUTTON.

An elementary course designed for students who have had no previous study of physics, especially for those who may have no intention of specializing in science. Its purpose is to acquaint students with the principles underlying common physical phenomena and to illustrate, by lecture table experiments, solution of problems and simple laboratory experiments, how these principles apply to matters of everyday experience. This is a much less exacting course than Physics 2. It meets at the same hours so that students from either course may be shifted into the other to meet individual needs and capabilities. Text: Blackwood, *Introductory College Physics*.

2. General Physics.—Lectures, M. W. F. 9:30; laboratory, W. or Th. 1:05-3:30. PROFESSOR PALMER and MR. LAUGHLIN.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Saunders, *A Survey of Physics*. Prerequisites, *Trigonometry*, and *Entrance Physics* or *Physics 1*.

3. Ions, Electrons, Radiations, and Atomic Structure.—Tu. Th. S. 9:30. PROFESSOR PALMER.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio $E \div M$ for electrolytic ions; $e \div m$ for cathode rays; properties of gaseous ions; measurement of the electronic charge e by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisite, *Physics 2*.

4a. Electricity and Magnetism.—Tu. Th. 10:30; laboratory, Tu. 1:05–3:30, first half-year. PROFESSOR SUTTON.

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacity, inductance, alternating current, and the laws of the electromagnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2* and *Mathematics 2*.

[Offered in 1940–41; not to be offered in 1941–42.]

4b. Intermediate Radio Communication.—Tu. Th. 10:30; laboratory Tu. 1:05–3:30, second half-year. PROFESSOR SUTTON.

Lecture and laboratory course in high frequency transmission and reception. Textbook: Terman, *Radio Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*, and preferably *Physics 4a*.

[Offered in 1940–41; not to be offered in 1941–42.]

5a. Introduction to Mathematical Physics.—M. W. F. 10:30, first half-year. PROFESSOR SUTTON.

Lectures and problems in the underlying principles of mechanics, wave motion, and theory of electric fields, applying the methods of calculus and developing the use of vectors. Textbook: Page, *Introduction to Theoretical Physics*. Prerequisites, *Physics 2* and *Mathematics 2*.

6b. Radiation and Quantum Theory.—M. W. F. 10:30, second half-year. PROFESSOR SUTTON.

Lectures on topics relating to the laws of radiation. Historical development of the quantum theory and its applications to spectroscopy and atomic structure. Textbook: Richtmyer, *Introduction to Modern Physics*, together with readings from current literature. Prerequisite, *Physics 5a* or the prerequisites of *Physics 5a*.

7a. Physical Optics.—Tu. Th. 10:30; Laboratory Tu. 1:05–3:30, first half-year. PROFESSOR SUTTON.

Lectures and advanced laboratory work in diffraction, dispersion, interference, polarization, and other optical phenomena, extending the treatment given to light in *Physics 2*. Two lectures and one laboratory period a week, first half-year.

[Not offered in 1940–41; to be offered in 1941–42.]

8b. Sound.—Tu. Th. S. 10:30, second half-year. PROFESSOR SUTTON.

A course of lectures, readings and class experiments designed to familiarize the student with recent developments in acoustics. Study is given to the fundamentals of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisite, *Physics 2*.

[Not offered in 1940–41; to be offered in 1941–42.]

10. Physics Seminar.—Hours to be arranged. PROFESSORS PALMER and SUTTON.

Advanced students in physics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the department to discuss the progress in each field of investigation, so that each student becomes familiar with other problems than his own. In this course, the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree.

SOCIOLOGY

The courses in Sociology are designed to prepare students for citizenship in a democracy. Most, if not all, our problems are at bottom traceable to faulty relationships between people and between groups of people. Hence Sociology as the "Science of human relations" aims to throw light on the relationship of the individual to the group; of group to group; and of group to community.

Sociology, furthermore, analyzes problems of social maladjustment, such as crime, poverty, and the breakdown of family life, which call for intelligent social action if community life is to be the matrix from which good citizenship is born.

Major Requirements

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Philosophy 1a, Philosophy 2b, Government 1, Economics 1 and Mathematics 8a, in consultation with the major supervisor.

Additional selected readings covering a special field in Sociology.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

1a. An Introduction to Sociology.—First half-year. PROFESSOR WATSON.

Section 1—M. W. F. 9:30.

Section 2—M. W. F. 11:30.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

2b. Social Problems.—M. W. F. 9:30, second half-year. PROFESSOR WATSON.

A study of (1) the failure of society to provide sound heredity and equal opportunities for all, resulting in such major social problems as poverty, mental disease, neglect of child life, delinquency, and crime; (2) society's resources for solving the foregoing problems; and (3) the methods for dealing adequately with the victims of social maladjustment and the prevention of additional social failures. Prerequisite, *Sociology 1a*.

3b. Problems of the Modern Family.—M. 7:30-9:20 P.M., W. 2:30, second half-year. PROFESSOR WATSON.

A seminar course on problems of the modern family and education for parenthood. A discussion of relationships of husband-wife; parent-child; and family-community. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upper classmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a*.

4a. Industry and Society.—Tu. Th. S. 9:30, first half-year. PROFESSOR WATSON.

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as wages, hours of labor, unemployment, and other forms of economic insecurity, to discover, if possible, any causal connection between them and industry as such. The wider implications of the Ma-

chine Age are examined, together with proposed remedies for its alleged evils. Prerequisite, *Economics 1*.

Also called *Economics 2a*.

5b. Human Relations in Industry.—Tu. Th. S. 9:30, second half-year. PROFESSOR WATSON.

A study of business organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys scientific management since Taylor and includes an analysis of the nature, objects, and technique of labor management, employee representation, and plans of union-management coöperation. Prerequisite, *Sociology 4a*.

Also called *Economics 3b*.

6a. Advanced Sociology.—Tu. Th. S. 10:30, first half-year. PROFESSOR WATSON.

A seminar in scientific social surveys and research. Open to Seniors majoring in Sociology or graduate students whose major work is in Sociology and, by permission of the instructor, to a few others especially well qualified. Prerequisites, *Sociology 1a* and *2b*. Apply in advance.

SPANISH

A. Elementary Spanish.—M. W. F. 10:30. MR. BLANC-ROOS.

Grammar, composition, and reading.

[Not offered in 1940-41; to be offered in 1941-42.]

1. Spanish Literature.—M. W. F. 10:30. MR. BLANC-ROOS.

Reading in class of selected works by authors of the Golden Age and of the Nineteenth Century. Prerequisite, *Spanish A*.

[Offered in 1940-41; not to be offered in 1941-42.]

2. Advanced Spanish.—Hours to be arranged. MR. BLANC-ROOS.

[Not offered in 1940-41; to be offered in 1941-42.]



DEGREES, PRIZES, AND HONORS GRANTED IN 1939-1940

DEGREES

The following degrees were conferred on Commencement Day, June 8, 1940.

DOCTOR OF LAWS

WILLIAM WISTAR COMFORT

A.B., Haverford College; A.B., A.M., and Ph.D., Harvard University; Litt.D., University of Pennsylvania; LL.D., University of Maryland and Lake Forest College

MASTERS OF ARTS

GEORGE EDWARD CLARKSON (A.B., Drew University, 1939).

Thesis: The Ethical Implications of William Law's Mysticism.

MEREDITH BRIGHT COLKET, JR. (A.B., Haverford College, 1935).

Thesis: The Free Society of Traders in Pennsylvania.

KENNETH WARD CROSBY (B.S., Wilmington College, 1939).

Thesis: The Old Pennsylvania Abolition Society 1830-1840.

STANLEY STUART DIAMOND (A.B., University of Wichita, 1939).

Thesis: County Development in Virginia, North Carolina, and Kentucky.

JOHANNES CHRISTOF JOACHIM JAENICKE (University of Geneva, 1938).

Thesis: The Ideology of American Expansionism at the End of the Nineteenth Century.

DONALD H. MUNRO (S.B., Haverford College, 1939).

Thesis: The Marxian Concept of Literature in American Writing and Criticism, 1930-1940.

FRITZ NOVA (A.B., Haverford College, 1940).

Thesis: Political Philosophies of the State.

EARL WINTON PITTIBONE, JR. (A.B., University of Washington, 1939).

Thesis: The Ideas of Early Nineteenth Century Economists on the Effects of Income Distribution.

CURTIS B. WATSON (A.B., Brown University, 1938).

Thesis: Browning's Alleged Objectivity.

MASTERS OF SCIENCE

CLARK EUGENE BRICKER (A.B., Gettysburg College, 1939).

Thesis: Co-precipitation of Barium Chromate with Barium Sulfate.

SAMUEL D. KRON (B.A., University of Pennsylvania, 1939).

Thesis: The Use of Isotopes as Tracers in Physiology.

CECIL C. LILJENSTEIN (B.S., Middlebury College, 1938).

Thesis: Photoionization of Gases and Vapors by Ultra Violet Light.

BACHELORS OF ARTS

ERNEST GRIFFIN ALLEN	ROBERT JOSEPH HUNN
GEORGE RANKIN ALLEN	LEWIS LAMAR JANNEY
HORACE CONRAD ATKINSON	SAMUEL FREDERICK JOHNSON
STEWART LORING BEERS	HAYDEN MASON
ARTHUR ELLIS BROWN	ROBERT WILSON McCONNELL, JR.
FRANCIS J. CH'EN	WILLIAM FERRIS McDEVIT
STANLEY MARVIN DYE	Fritz NOVA
STEPHEN WILLIAM FLEISCHMAN	CHARLES K. PETERS
ROBERT HAMILTON GOEPP	JOHN TIERNAN SHARKEY
HANFORD MEAD HENDERSON, JR.	JOHN WILLIAM WIEDER, JR.
JOHN THOMAS HOFFMAN	CHARLES HOBSON WOLFINGER
	JAMES WILLIAM WOOD, JR.

As of 1939

ROBERT EARL PEIFER, JR.

BACHELORS OF SCIENCE

HENRY PHILLIP BALIVET, JR.	FIELD ALLEN LEWIS
CHESTER EARLE BAUM, JR.	JOHN MARSHALL LINDLEY, JR.
RICHARD WILLIAM BEELER	ARTHUR ANDREWS MAGILL
DAVID BAIRD COURSIN	ELLIOTT MASON
EMERSON LIPPINCOTT DARNELL	JAMES ELLIOTT MECHLING
EDWIN SCOTT DAWSON	RICHARD ARMSTRONG POOLE
ROBERT LOVETT DEWEES	CHARLES THOMAS RAIRDON
DAVID PERRY FLACCUS	ANDRE VLADIMIR REICHEL
HARRY JOHN GOODYEAR, JR.	ROBERT L. SCHAEFFER, JR.
JOHN EDWARD GROSS	JOHN CHRISTOPHER SIMPSON, JR.
WILLIAM DARRACH HALSEY, JR.	MAXWELL WENSEL STEEL, JR.
ALEXANDER CHANDLEE HERING	CHARLES JAMES SWIFT
HAMILTON TAYLOR HOYT	THOMAS MELVILLE TAFT
EDWARD IRVING KOHN	JAMES ALEXANDER VINCENT
	ROBERT THOMAS WILLIAMS

CLEMENTINE COPE FELLOWSHIP FOR 1940-41

SAMUEL FREDERICK JOHNSON, 1940

CORPORATION SCHOLARSHIPS FOR 1940-41

Class of 1941

JOHN CHADWICK HAWLEY	ARTHUR GARWOOD ASHBROOK, JR.
ROBERT BRUCE DICKSON	EDWARD LOUIS ENGELHARDT

Class of 1942

PAUL RADELL O'CONNOR	LEWIS PAUL SAXER
JAMES NEAL ADDOMS	GEORGE McCALL COURTS OULAHAN

Class of 1943

ARNOLD C. SATTERTHWAIT	EUGENE E. ANDERSON, JR.
EDWARD A. GAENSLER	HASKELL TORRANCE

Class of 1943

JAMES COKE HADEN	DONALD HESTON BAIRD
JOHN SHARPLESS KLEIN	HOWARD PAGE WOOD

PRIZES

The Alumni Oratorical Prizes (\$25 each) for Seniors and Juniors have been awarded to

GERRITT LOOS EWING, 1941

LEON SOLIS-COHEN, JR., 1941

The Everett Society Medal for Extemporaneous Speaking by Sophomores and Freshmen has been awarded to

DAVID JOHNSON CHAMBLISS, 1942

Everett Society Trophies for Extemporaneous Speaking by Sophomores and Freshmen have been awarded to the members of the winning team

JAMES NEAL ADDOMS, 1942

BICKLEY BURNS BRODHEAD, 1942
DAVID JOHNSON CHAMBLISS, 1942

The Class of 1896 Prizes (\$20 in books) in Latin and in Mathematics for Sophomores have been awarded as follows:

Latin (\$10)—WARREN DEWITT ANDERSON, 1942

Mathematics (\$10) divided between { JAMES NEAL ADDOMS, 1942
PAUL RADELL O'CONNOR, 1942

The Lyman Beecher Hall Prize in Chemistry (\$100 from Endowment by the Class of 1898) for Juniors, Seniors or Graduates within three years of graduation who expect to engage in research has been awarded to

EDWARD LOUIS ENGELHARDT, 1941

The Class of 1902 Prize in Latin (\$10 in books) for Freshmen has been awarded to

EUGENE E. ANDERSON, JR., 1943

The Mathematics Department Prizes (\$25 for Freshmen) awarded in competition by examination, have been awarded to

First Prize (\$15)—STUART L. RIDGWAY, 1943

Second Prize (\$10)—JOHN M. ALLEN, 1943

The Elizabeth P. Smith Prize (\$35) for the best essay on International Peace has been awarded to

JAMES ALEXANDER VINCENT, 1940

The Scholarship Improvement Prizes (\$95) for the two Seniors who have shown the most steady and marked improvement in scholarship during the college course have been awarded as follows:

First Prize (\$50)—ROBERT L. SCHAEFFER, JR., 1940

Second Prize (\$45)—THOMAS MELVILLE TAFT, JR., 1940

The Founders Club Prize (\$25 in books) for the Freshman who has shown the best attitude toward college activities and scholastic work has been awarded to

TRISTRAM P. COFFIN, 1943

The George Peirce Memorial Prize in Chemistry or Mathematics (\$25) offered exclusively for students who expect to engage in research has been awarded to

WILLIAM FERRIS McDEVIT, 1940

The Logan Pearsall Smith Prize (\$50 in books) for that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library has been divided between

GEORGE RANKIN ALLEN AND SAMUEL FREDERICK JOHNSON, 1940

The William Ellis Scull Prize (\$50) awarded annually to the upper classman showing the greatest achievement in voice and the articulation of the English Language, has been awarded to
WILFRID LEE SIMMONS, 1941

The S. P. Lippincott Prize in History (\$100) has been awarded to
EMERSON LIPPINCOTT DARNELL, 1940

The Class of 1910 Poetry Prizes

Two prizes of \$15 and \$10 respectively are awarded for the best verse written by a Haverford undergraduate during the year.

First Prize—SAMUEL COLIN McCULLOCH, 1942
 Second Prize—DAVID JOHNSON CHAMBLISS, 1942

The Varsity Cup

Awarded annually for Leadership, Sportsmanship and Athletic Ability, to

RICHARD WILLIAM BEELER, 1940

HONOR SOCIETIES

The following members of the Class of 1940 were elected to the Phi Beta Kappa Society:

At the end of the Junior Year
ROBERT JOSEPH HUNN

At the end of the Senior Year

JOHN EDWARD GROSS	SAMUEL FREDERICK JOHNSON
ROBERT WILSON McCONNELL, JR.	

The following members of the Junior Class were elected to the Phi Beta Kappa Society:

ROBERT BRUCE DICKSON	EDWARD LOUIS ENGELHARDT
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The following Seniors were elected to the Founders Club, an organization based on merit in both studies and college activities:

<i>During the Junior Year</i>	
ROBERT WILSON McCONNELL, JR.	ROBERT JOSEPH HUNN
JOHN WILLIAM WIEDER, JR.	

During the Senior Year
LEWIS LAMAR JANNEY

The following Juniors were elected to the Founders Club:

ROY SCHOPPAUL VOGT	WILFRID LEE SIMMONS
JOHN DAVID GARMY	WILLIAM ANDREW LIDDELL, JR.

HONORS

FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope, than the minimum required, and who have fulfilled all the requirements for Final Honors in their respective Major Departments.

High Honors

ROBERT L. SCHAEFFER, JR., 1940 Biology

Honors

ERNEST GRIFFIN ALLEN, 1940.....	Greek
JOHN EDWARD GROSS, 1940.....	Economics
ROBERT WILSON McCONNELL, JR., 1940.....	Government
RICHARD ARMSTRONG POOLE, 1940.....	Government
CHARLES HOBSON WOLFINGER, 1940.....	Economics

SOPHOMORE HONORS

Representing a minimum of 150 hours of Honors work in addition to that required for two or more scheduled courses of the Department, plus grades of 90, or better, for the present year in the Department indicated.

JAMES NEAL ADDOMS, 1942.....	Chemistry
WARREN DeWITT ANDERSON, 1942.....	Latin
JOHN BERNARD FLICK, JR., 1942.....	Chemistry
DAVID SHARPLESS FOX, 1942.....	Chemistry
GOVE HAMBIDGE, JR., 1942.....	Biology
LINWOOD THEODORE LAWRENCE, JR., 1942.....	Chemistry
GEORGE CAMPBELL LEWIS, JR., 1942.....	Chemistry
PAUL RADELL O'CONNOR, 1942.....	Mathematics
THOR N. RHODIN, JR., 1942.....	Chemistry

HONORABLE MENTION

Representing a minimum of 75 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better, in the same course.

JAMES NEAL ADDOMS, 1942.....	Physics 2
JOHN M. ALLEN, 1943.....	Mathematics 1
EUGENE E. ANDERSON, JR., 1943.....	Latin 2
WARREN DeWITT ANDERSON, 1942.....	Greek
BICKLEY BURNS BRODHEAD, 1942.....	History 2
MARVIN L. BROWN, JR., 1943.....	German 1
JOHN J. ENCK, 1943.....	English 2b
JOHN DENNEY FARQUHAR, 1942.....	Chemistry 2
SUMNER W. FERRIS, 1943.....	History 1
G. HOBART FITZGERALD, 1943.....	English 2b, German 1
KENNETH JOSEPH FOREMAN, JR., 1942.....	Engineering 1
EDWARD A. GAENSLER, 1943.....	Economics 1, Mathematics 1
RICHARD KAY, 1942.....	Chemistry 2
EDMUND JENNINGS LEE, 1943.....	Chemistry 1
LEON LEVINTOW, 1943.....	Chemistry 2
GEORGE FOXCROFT MORSE, 1943.....	History 1
PAUL RADELL O'CONNOR, 1942.....	Chemistry 2
GEORGE McCALL COURTS OULAHAN, 1942.....	Government 1
DAVID MANCHESTER POOLE, 1942.....	Physics 2
THOR N. RHODIN, JR., 1942.....	Engineering 1
STUART L. RIDGWAY, 1943.....	Mathematics 2
DONALD CHAPMAN SPAULDING, 1942.....	German 1
JOHN W. SEVRINGHAUS, 1943.....	Chemistry 1
KENEDON P. STEINS, 1943.....	German 2
ROBERT MASON STEPTOE, 1942.....	Government 1, History 2
WILLIAM T. WARREN, JR., 1943.....	English 2b
JOHN C. WHITEHEAD, 1943.....	Chemistry 1
CARL E. WIDNEY, 1943.....	French 2
HUGH R. WILLIAMS, 1943.....	English 2b
R. BAYLY WINDER, IV, 1943.....	English 2b

DIRECTORY

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room: Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Center; Bs, for Barclay Hall, South; F, for Founders Hall; G, for Graduate House; L, for Lloyd Hall; M, for Merion Hall; U, for Haverford Union; D, for day student. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
ATTEBERRY, ROBERT WILLIAM (B.S., Beloit College, 1940).....	(Chemistry) 405 Alexander Blvd., Elmhurst, Ill.	G
EDGERTON, JESSE WILBERT (B.S., Guilford College, 1940).....	(Mathematics) Route 2, Pikeville, N. C.	G
GIBB, THOMAS C. (A.B., Dickinson College, 1938).....	(English) Shanghai, China	F
HARLEY, ROBERT BRUCE (A.B., William Penn College, 1940)....	(History) 524 N. 4th St., Oskaloosa, Ia.	G
JOHNSTON, LESLIE (A.B., University of Durham, 1936).....	(Government) 9 Argyle Terrace, Newbiggin-by-Sea, England (Living at Pendle Hill, 1940-41)	
KOLB, HARRY JOHN (B.S., Hamilton College, 1940). (Chemistry)	100 Wardman Road, Kenmore, N. Y.	G
LAUGHLIN, J. S. (A.B., Willamette University, 1940)....	(Physics) 1705 Court Street, Salem, Oregon	G
LEE, SHIU-KEUNG (A.B., Lingnan University, 1932)....	(History) 4 Beautiful Terrace, Bonham Rd., Hong Kong, China	G
POUSH, ROBERT RAYMOND (A.B., William Penn College, 1939)....	(History) 209 N. 8th St., Oskaloosa, Ia.	G
SCHULTZ, KARL VICTOR (A.B., Bluffton College, 1940).....	(Economics) 246 Lawn Ave., Bluffton, Ohio (Living at Pendle Hill, 1940-41)	
SIELOFF, ROBERT VERNON (A.B., Pacific College, 1940).....	(Sociology) 713 N. Main St., Newberg, Ore.	G
TALBOT, GILBERT PARRY (A.B., Haverford College, 1939).....	(Chemistry) Virginia Ave. and Walnut Street, West Chester, Pa.	D
WEISKEL, FRANK MILTON (A.B., Muhlenberg College, 1940)....	(Philosophy) 922 S. 6th St., Allentown, Pa. (Living at Pendle Hill, 1940-41)	

SENIOR CLASS—1941

Name	Home Address	College Address
ADLER, FRANCIS ERDMAN	(English) Huron Lane, Chestnut Hill, Philadelphia, Pa.	23 L
ALLINSON, EDWARD PAGE, JR.	(Economics) Town's End Farm, West Chester, Pa.	26 L
ANDRUS, STEPHEN BOURNE	(Chemistry) 1903 Girard Avenue, South, Minneapolis, Minn.	14 F
ARNOLD, DAVID BARRETT	(French) 128 Bard Avenue, West Brighton, S. I., N. Y.	33 L
ARTHUR, ROBERT PALMER	(German) 637 Walnut Street, McKeesport, Pa.	D
ASHBROOK, ARTHUR GARWOOD, JR.	(Economics) 88 Admiral Dewey Avenue, Ingram, Crafton P. O., Pa.	37 Bc
BLACKWELL, HAROLD RICHARD	(Philosophy) 108 Pinehurst Avenue, Salisbury, Md.	37 L
BLUM, HOWARD LOURIA	(Chemistry) 911 Park Avenue, New York, N. Y.	25 L
BOLSTER, RICHARD HAWKS, II	(Biology) Littlebrook Road, Berwyn, Pa.	D
BOTELHO, EUGENE EVANS	(Biblical Literature) 19 Louella Court, Wayne, Pa.	D
BOYER, DANIEL B., JR.	(Government) Boyertown, Pa.	36 L
BRANSON, ALBERT DELANO	(Economics) 38 N. 51st Street, Philadelphia, Pa.	37 Bc
BUTTRICK, JOHN ARTHUR	(Economics) 21 E. 79th Street, New York, N. Y.	28 L
CHAMBERS, TORRENCE HARRISON	(Engineering) 116 Ardmore Avenue, Ardmore, Pa.	D
CHESTNUT, DAVID THOMAS	(French) 659 Rector Street, Roxborough, Philadelphia, Pa.	D
CLARK, JOHN BURT	(Chemistry) 4638 S. Fremont Avenue, Minneapolis, Minn.	29 L
CLEMENT, HERBERT LEE	(Sociology) 506 Essex Avenue, Narberth, Pa.	D
CORNMAN, HENRY DENNIS	(Chemistry) Gladwyne, Pa.	D
DAVIS, HUNT	(Engineering) 1412 Twentieth Street, Rock Island, Ill.	35 L
DICKSON, ROBERT BRUCE	(Mathematics) 908 Andrews Avenue, Collingdale, Pa.	D
DORSEY, JOHN WORTHINGTON	(Engineering) 36 Huffman Avenue, Washington, Pa.	34 L
ENGELHARDT, EDWARD LOUIS	(Chemistry) 100 Maple Avenue, Narberth, Pa.	D
EVANS, CHRISTOPHER	(Biology) Awbury, Germantown, Philadelphia, Pa.	24 L
EVANS, ROBERT WHITESIDE, JR.	(Government) 239 Walnut Street, Pottstown, Pa.	38 L
EVERT, ROBERT NASH	(Chemistry) 256 Prospect Drive, Glendive, Mont.	38 Bc
EWING, GERRITT LOOS	(English) 11 Vista Place, Red Bank, N.J.	27 L
FINGER, LOUIS JUDAH	(History) 2305 Harrison Street, Wilmington, Del.	40 Bc
FOLWELL, ROBERT COOK, 3d	(Biology) Mullica Hill, New Jersey	6 F
GARMEY, JOHN DAVID	(English) 7614 Colonial Road, Brooklyn, N. Y.	44 Bc
GIFFORD, PHILIP COLLINS, JR.	(Sociology) 468 Hope Street, Providence, R. I.	12 F

Name	Home Address	College Address
GROSHOLZ, EDWIN DEHAVEN.....	(Government) 112 Schoolhouse Lane, Ardmore, Pa.	D
HAWLEY, JOHN CHADWICK.....	(French) American Consular Service, Oporto, Portugal	14 M
HECHT, ROBERT EMANUEL, JR.....	(Latin) 3505 North Calvert Street, Baltimore, Md.	12 M
HEMPHILL, GEOFFREY.....	(Biology) 243 N. Mountain Avenue, Upper Montclair, N. J.	44 Bc
HIBBARD, JOHN BARR.....	(Philosophy) 1816 Chicago Avenue, Evanston, Ill.	43 Bc
HOLMES, HENRY KELMAN.....	(Philosophy) 3430 81st Street, Jackson Heights, N. Y.	15 F
INGLIS, ANDREW FRANKLIN.....	(Physics) Pellston, Mich.	1 F
KENT, ROGER BETTS.....	(Philosophy) 1904 Lauderdale Road, Louisville, Ky.	26 L
KING, BENTON DAVIS.....	(Chemistry) 357 Sylvan Street, Rutherford, N. J.	28 L
LIDDELL, WILLIAM ANDREW, JR.....	(History) 4628 23rd Road North, Arlington, Va.	24 L
LITTLE, THOMAS.....	(English) Ashburnham, Mass.	44 Bc
LONG, JAN WINSTON.....	(Biology) 433 W. 21st Street, New York, N. Y.	11 F
LONGLEY, JAMES BAIRD.....	(Biology) 150 W. Lanvale Street, Baltimore, Md.	11 M
MCNEILL, JOHN REID.....	(Chemistry) 239 W. 8th Street, Erie, Pa.	23 L
MILLER, WILLIAM KELLER.....	(Economics) 2033 Willemore Avenue, Springfield, Ill.	30 L
MORIAN, TUCKER FRAZER.....	(Economics) 506 Anthwyn Road, Merion, Pa.	30 F
MOSELEY, MERRITT WAYNE.....	(Economics) 1705 Ridge Avenue, Evanston, Ill.	29 L
MOSSE, GEORGE L.....	(History) Happy Valley Road, Box No. 547, Lafayette, R.F.D., Calif.	13 M
MURPHY, SAMUEL MILLARD, JR.....	(Chemistry) 29 Bellair Driveway, Dobbs Ferry, N. Y.	38 Bc
NAPIER, ARTHUR HOWELL, JR.....	(Sociology) 503 E. Willow Grove Avenue, Chestnut Hill, Philadelphia, Pa.	27 L
NEAL, J. PHILIP.....	(Biology) 106 N. 34th Street, Philadelphia, Pa.	13 F
NEWHALL, WILLIAM FREEMAN.....	(Chemistry) 36 Tenmore Road, Haverford, Pa.	D
PILE, WILSON HUNT.....	(Engineering) 622 S. 42nd Street, Philadelphia, Pa	25 L
ROWLAND, PAUL CHARLES.....	(Sociology) Columbia, Conn.	36 L
SCHEFFER, EDWARD RHEINARD.....	(Chemistry) 2508 E. Stratford Court, Milwaukee, Wis.	38 L
SIMMONS, WILFRID LEE.....	(History) Box 10, Hebron, N. H.	19 F
SMITH, HENRY AUGUSTINE, JR.....	(Biology) 26 Rockledge Road, Newton Highlands, Mass.	37 L
SMITH, MALCOLM KINMONTH, JR.....	(Sociology) 22 Madison Avenue, Morristown, N. J.	12 M
SMITH, ROBERT HENRY.....	(Economics) 14901 Lake Avenue, Lakewood, Ohio	32 L
SNIPES, SAMUEL MOON.....	(Economics) Lincoln Highway, Morrisville, Pa.	30 F
SOLIS-COHEN, LEON, JR.....	(Government) 906 69th Avenue, Philadelphia, Pa.	70 Bn

HAVERFORD COLLEGE

Name	Home Address	College Address
STAINTON, WILLIAM WHITFIELD.....	(Government) 2946 Berkley Road, Ardmore, Pa.	D
STROHL, G. RALPH, JR.....	(Mathematics) 24 E. Clearfield Road, Oakmont, Upper Darby, Pa.	D
STUART, HARRY HARLAN.....	(Engineering) 161 N. June Street, Los Angeles, Calif.	38 Bc
SWAN, GEORGE MYRON, JR.....	(Philosophy) 1325 Inverness Street, Pittsburgh, Pa.	10 Bs
SWIGERT, JOHN BRUCE.....	(Economics) 418 Birdwood Avenue, Haddonfield, N. J.	D
VELTE, WILLIAM ELKANAH.....	(German) 340 W. 7th Street, Chester, Pa.	10 F
VOGT, ROY SCHOPPAUL.....	(History) 90 Prospect Hill Avenue, Summit, N. J.	33 L
WAGNER, LANSING PRAY.....	(Biology) 108 Holden Green, Cambridge, Mass.	9 F
WATSON, WILLIAM ROBERTSON, JR.....	(Chemistry) Griffin Lane, Haverford, Pa.	43 Bc
WEBB, JOHN LONGANECKER, JR.....	(Engineering) 500 Baird Road, Merion, Pa.	30 F
WEYERBACHER, KENNETH WILLIAM.....	(History) 20 Degonia Road, Boonville, Ind.	23 F
WILLIS, JAMES MOORE.....	(History) 1 Indian Chase Drive, Greenwich, Conn.	34 L
WILSON, DAVID RYDER.....	(English) Palenville, N. Y.	17 M
WINSLOW, ROBERT GAREY.....	(Chemistry) 1902 Mt. Royal Terrace, Baltimore, Md.	17 Bs
WRIGHT, KENNETH ALDRO.....	(Physics) 2134 Wyoming Avenue, N. W., Washington, D. C.	30 L
ZIEGLER, HOWARD EDWARD, JR.....	(History) 855 Montgomery Avenue, Narberth, Pa.	D

JUNIOR CLASS—1942

ABBOTT, CHARLES CONRAD.....	(Biology) R. D. 2, Bristol, Pa.	4 F
ADDOMS, JAMES NEAL.....	(Chemistry) 864 Park Place, Brooklyn, N. Y.	15 L
ALDRIDGE, GEORGE LEWIS.....	(Economics) 401 Stiles Avenue, Maple Shade, N. J.	120 M
ANDERSON, WARREN DEWITT.....	(Latin) 537 45th Street, Brooklyn, N. Y.	3 F
BAUER, RICHARD DEMME.....	(German) Alden Park Manor, Philadelphia, Pa.	115 M
BEDROSSIAN, E. HOWARD.....	(Chemistry) 4501 State Road, Drexel Hill, Pa.	D
BELL, EDGAR DAWSON, JR.....	(Government) Clearview Road, Ingomar, Pa.	31 L
BRODHEAD, BICKLEY BURNS.....	(Biblical Literature) 340 W. State Street, Media, Pa.	42 Bc
BROUS, NORMAN SCATTERGOOD.....	(Mathematics) 254 High Street, Germantown, Philadelphia, Pa.	D
BROWN, KNOX.....	(History) 404 S. Linden Avenue, Pittsburgh, Pa.	13 Bs
BROWN, RICHARD WILLITS.....	(Chemistry) Downington, Pa.	23 Bs
BURFORD, NOBLE ALBERT, JR.....	(Sociology) 42 Hill Road, Louisville, Ky.	22 Bs
CADBURY, THOMAS LLOYD.....	(Biology) 12 High Street, Moorestown, N. J.	6 M

Name	Home Address	College Address
CHILDS, ELEAZER EDWARDS.....	(Chemistry) 8 Brattle Road, Syracuse, N. Y.	22 Bs
CLARK, JOHN ARTHUR.....	(History) 250 N. Mountain Avenue, Montclair, N. J.	41 Bc
COCHRAN, THOMAS CUNNINGHAM, JR.....	(Economics) 206 S. Pitt Street, Mercer, Pa.	31 L
DORIAN, ALAN LLOYD.....	(Biology) 4801 Connecticut Avenue, Washington, D. C.	22 L
DUNHAM, ROBERT WILMER.....	(Engineering) 6863 N. 19th Street, Philadelphia, Pa.	41 Bc
DYE, ROY AUGUSTUS, JR.....	(History) 111 Milton Street, Aliquippa, Pa.	113 M
ELLIOTT, JOHN YOUNG.....	(English) Alderson—Broadbush College, Philippi, W. Va.	42 Bc
EMERY, DAVID AMOS.....	(Philosophy) 919 Creston Avenue, Des Moines, Iowa	35 L
EMERY, EDGAR R.....	(English) Schuylkill and Butler Aves., Norristown, Pa.	D
EVANS, ARTHUR.....	(Chemistry) Awbury, Germantown, Philadelphia, Pa.	19 L
FALCONER, WALTER CROSS.....	(History) 170 Pine Street, East Aurora, N. Y.	112 M
FARQUHAR, JOHN DENNEY.....	(Chemistry) 602 Second Street, California, Pa.	15 L
FLACCUS, EDWARD.....	(Biology) 109 Bryn Mawr Avenue, Lansdowne, Pa.	21 L
FLICK, JOHN BERNHARD, JR.....	(Chemistry) 629 Gulph Road, Bryn Mawr, Pa.	D
FOREMAN, KENNETH JOSEPH, JR.....	(English) Davidson, N. C.	16 F
FOX, DAVID SHARPLESS.....	(Chemistry) 5617 Dorchester Avenue, Chicago, Ill.	21 Bs
FRANZEN, WOLFGANG.....	(Physics) 155 E. 22nd Street, New York, N. Y.	11 Bs
FRAZIER, JOHN JORY.....	(Chemistry) 14 West Avenue, Bridgeton, N. J.	25 Bc
FUST, JOHN ABERCROMBIE.....	(Chemistry) 231 W. 7th Street, Erie, Pa.	8 M
GARY, JAMES FREDRICK.....	(Chemistry) 300 Yale Avenue, Swarthmore, Pa.	6 M
GREER, CLIFFORD KIRK.....	(Biblical Literature) 6917 Sherman Street, Philadelphia, Pa.	D
GRIER, LOUIS NORMAN, JR.....	(History) 6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	19 L
GUENTHER, JACOB JARDEN, JR.....	(English) 510 Chester Road, Swarthmore, Pa.	5 F
HAMBIDGE, GOVE, JR.....	(Biology) 310 Rosemary Street, Chevy Chase, Md.	21 F
HARPER, HEBER REECE.....	(History) 223 Dalzell Avenue, Ben Avon, Pittsburgh, Pa.	24 Bs
HARRINGTON, EDWIN.....	(History) Sheaff Lane, Whitemarsh, Pa.	21 Bs
HASTINGS, FRANK WILLARD.....	(Chemistry) 45 E. Church Road, Elkins Park, Pa.	21 F
HAWORTH, TIMOTHY PEYTON.....	(English) Brookside Road, Wallingford, Pa.	22 L
HOWE, GORDON WALTER.....	(Chemistry) 7 Crandall Street, Adams, Mass.	21 L
Hsu, TA CHUN.....	(Economics) c/o Chinese Embassy, Washington, D. C.	14 M
JOHNSTONE, HENRY WEBB, JR.....	(Philosophy) Delwick Lane, Short Hills, N. J.	13 Bs

HAVERFORD COLLEGE

Name	Home Address	College Address
JONES, THOMAS CANBY.....	(History) 1033 17th Avenue, N., Nashville, Tenn.	19 L
KAY, RICHARD.....	(Chemistry) 600 W. Olney Avenue, Philadelphia, Pa.	15 L
KIRKPATRICK, MALCOLM SUYDAM.....	(Sociology) Forsgate Drive, Jamesburg, N. J.	23 Bs
LAWRENCE, LINWOOD THEODORE, JR.....	(Chemistry) 210 W. Mt. Pleasant Avenue, Philadelphia, Pa.	25 Bc
LEWIS, GEORGE CAMPBELL, JR.....	(Chemistry) 812 Summit Grove Avenue, Bryn Mawr, Pa.	D
MAGILL, JAMES PHINEAS, 2ND.....	(English) 117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	8 M
McGANN, MALCOLM HOBART, JR.....	(History) 62 King Street, Reading, Mass.	2 F
MCLELLAN, PHILIP FLETCHER.....	(Sociology) Martin and Old Railroad Avenues, Bryn Mawr, Pa.	D
MELDRUM, WILLIAM BUELL, JR.....	(Chemistry) 747 College Avenue, Haverford, Pa.	D
MILLER, ROBERT EVERETT, JR.....	(History) 2033 Willemoore Avenue, Springfield, Ill.	120 M
NICHOLS, CLYDE KINGSLEY, JR.....	(History) County Street, Rehoboth, Mass.	D
O'CONNOR, PAUL RADELL.....	(Mathematics) 2629 N. Maryland, Milwaukee, Wis.	20 L
OLSON, CHARLES ALEXANDER, JR.....	(Sociology) 301 E. 21st Street, New York, N. Y.	120 M
OULAHAN, GEORGE McCALL COURTS.....	(Government) 3212 Reservoir Road, Washington, D. C.	22 L
POOLE, DAVID MANCHESTER.....	(Engineering) 8 De Bary Place, Summit, N. J.	20 L
RHODIN, THOR N., JR.....	(Chemistry) 543 E. 9th Street, Brooklyn, N. Y.	D
ROBERTS, KENNETH STOKES.....	(Engineering) 201 Chestnut Street, Moorestown, N. J.	21 L
SAXER, LEWIS PAUL.....	(Chemistry) 4631 Lancaster Avenue, Philadelphia, Pa.	D
SCHAFFER, CHARLES DAVID.....	(Chemistry) 30 N. 8th Street, Allentown, Pa.	72 Bn
SENENIG, DAVID MARTIN.....	(Chemistry) 309 Bangor Road, Bala-Cynwyd, Pa.	D
SKERRETT, W. HENRY W., JR.....	(English) Wayne, Pa.	D
SPAULDING, DONALD CHAPMAN.....	(English) 18 N. 23rd Street, Camp Hill, Pa.	15 M
STARR, ROBERT WALTER, 3RD.....	(Biology) 124 Decatur Street, Cape May, N. J.	20 F
STRAUSBAUGH, ROBERT NELSON.....	(Chemistry) 2679 W. Broad Street, Columbus, Ohio	20 L
SWEETSER, FRANKLIN PRATT.....	(French) 408 Merion Place, Merion, Pa.	24 Bs
SZERLIP, EUGENE POOLE.....	(Chemistry) 43 Shepard Avenue, Newark, N. J.	D
THOMPSON, DAVID CLARK.....	(Government) 51 Church Street, East, Bloomfield, N. J.	120 M
THOMSON, JOHN DARSIE.....	(Biblical Literature) 5850 Fifth Avenue, Pittsburgh, Pa.	71 Bn
WARNER, GEORGE THOMAS.....	(Government) 4037 Michigan Ave., Kansas City, Mo.	110 M
WEAVER, DANCY GRAY.....	(Chemistry) 238 Grove Street, Westfield, N. J.	17 F
WISE, JOHN HICE.....	(Chemistry) 21 S. 26th Street, Camp Hill, Pa.	4 M

DIRECTORY

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Name	Home Address	College Address
WORRALL, WINFIELD SCOTT.....	(Chemistry) Newtown Square, Pa.	7 M

SOPHOMORE CLASS—1943

ADDOMS, JEREMY.....	864 Park Place, Brooklyn, N. Y.	7 L
ALLEN, JOHN M.....	2861 Lee Road, Shaker Hts., Ohio	62 Bn
ANDERSON, EUGENE E., JR.....	Sharon, Pa.	30 Bc
BAKER, DOUGLAS H.....	17 Washington Street, Middlebury, Vt.	28 Bc
BELL, ARTHUR H.....	Milton, Ulster Co., N. Y.	31 Bc
BOWMAN, MURDOCK S.....	414 E. 52nd Street, New York, N. Y.	32 Bc
BROWN, JARED S.....	Mercersburg, Pa.	7 F
BROWN, MARVIN L., JR.....	478 Manheim Street, Philadelphia, Pa.	63 Bn
CADBURY, CHRISTOPHER J.....	7 Buckingham Place, Cambridge, Mass.	2 L
COFFIN, TRISTRAM P.....	Box 89, Edgewood Farm, Wakefield, R. I.	4 L
COOLIDGE, DAVID A.....	1127 Kensington Road, Grosse Pointe Park, Mich.	69 Bn
COPE, PAUL M.....	151 S. Pennsylvania Avenue, Atlantic City, N. J.	4 L
DEWALD, JEFF.....	277 West End Avenue, New York, N. Y.	32 Bc
ECKFELDT, THOMAS H., 3D.....	62 Bond Street, Fitchburg, Mass.	103 M
ELWELL, JACQUE SPENCER.....	230 Bonnie Brae Avenue, Rochester, N. Y.	7 L
ENCK, JOHN J.....	15 Front Street, Lititz, Pa.	1 L
EVANS, J. MORRIS.....	Awbury, Germantown, Philadelphia, Pa.	14 L
FERRIS, SUMNER W.....	Governors Island, New York, N. Y.	14 L
FITZGERALD, G. HOBART.....	Hotel Gramatan, Bronxville, N. Y.	101 M
GAENSLER, EDWARD A.....	317 Linden Lane, Merion, Pa.	D
GILBERT, J. BRYSON.....	Bethlehem Pike and Church Road, Whitemarsh, Pa.	29 Bc
GILMOUR, GEORGE J.....	6616 Woodland Avenue, Philadelphia, Pa.	D
GRALA, WILLIAM L., JR.....	101 N. Church Street, Hazleton, Pa.	5 L
HALL, HARRY S.....	4936 N. 16th Street, Philadelphia, Pa.	8 L
HALLETT, DOUGLAS R.....	324 Forest Avenue, Ben Avon, Pittsburgh, Pa.	29 Bc
HAMILL, JAMES.....	Box 29, Livermore, Calif.	1 Bs
HARRIS, WILLIAM M.....	32 Portsmouth Terrace, Rochester, N. Y.	19 Bs
HERMAN, JOHN F., JR.....	Gordonville, Pa.	2 Bs

HAVERFORD COLLEGE

Name	Home Address	College Address
HILL, JOHN F.	3415 Porter Street, N.W., Washington, D.C.	66 Bn
HOGNESS, JOHN R.	5758 Blackstone Avenue, Chicago, Ill.	13 L
HOWE, BYRON E., JR.	7 Crandall Street, Adams, Mass.	14 L
HUNTER, HOLLAND	1419 Hudson Avenue, Chicago, Ill.	30 Bc
JOHNSTON, FRANK DALLAS	1432 Columbus Avenue, Pittsburgh, Pa.	12 Bs
KIBBEE, LEWIS CROSSETT	47 Crafts Road, Chestnut Hill, Mass.	20 Bs
KIRK, DAVID B.	Mill Hall, Pa.	3 Bs
KNOWLAND, WILLIAM EDWARD	120 Monterey Avenue, Pelham, N. Y.	8 L
KRIEBEL, HOWARD B.	Moylan, Pa.	2 L
LEE, EDMUND J.	518 E. Auburn Avenue, Chestnut Hill, Philadelphia, Pa.	3 L
LEVINTOW, LEON	5749 N. Fairhill Street, Philadelphia, Pa.	26 Bc
LIPPINCOTT, H. MATHER, JR.	East Lane, Chestnut Hill, Philadelphia, Pa.	3 L
LITTLE, ELLIS F.	65 Nunda Boulevard, Rochester, N. Y.	32 Bc
LUTZ, HOWARD T. B.	318 N. Lansdowne Avenue, Lansdowne, Pa.	8 F
LYMAN, RUSSELL M.	2101 N. Van Buren Street, Wilmington, Del.	5 Bs
MACCRATE, ROBERT	134 Milton Street, Brooklyn, N. Y.	13 L
MARSH, JOHN C.	48 Hillcrest Road, Windsor, Conn.	3 L
MASON, AVREL	640 Rahway Road, Westfield, N. J.	35 Bc
MEADER, JOHN H.	17 Colonial Avenue, Moorestown, N. J.	34 Bc
MOON, JOHN M.	31 Penarth Road, Bala-Cynwyd, Pa.	31 Bc
MORSE, GEORGE FOXCROFT	74 Fernwood Road, Hamden, Conn.	11 L
NEWELL, STERLING, JR.	17845 Lake Road, Lakewood, Ohio	13 L
OTTO, FRANK K.	2116 Kalorama Road, Washington, D. C.	5 L
PETERKIN, NORMAN	175 Cooper Avenue, Montclair, N. J.	26 Bc
RHIND, JOHN B.	217 E. 26th Street, Covington, Ky.	36 Bc
RIDGWAY, STUART L.	144 58th Street, Niagara Falls, N. Y.	5 L
ROGERS, ALAN S.	1320 DeKalb Street, Norristown, Pa.	16 L
RYRIE, GEORGE M.	1007 Henry Street, Alton, Ill.	5 Bs
SATTERTHWAIT, ARNOLD C.	305 Berks Co. Trust Bldg., Reading, Pa.	8 F
SEVRINGHAUS, JOHN W.	3914 Cherokee Drive, Madison, Wis.	69 Bn
SHEPARD, SETH T.	51 W. Lenox Street, Chevy Chase, Md.	55 Bn

Name	Home Address	College Address
SHIHADEH, WILLIAM F.	113 Sutton Road, Ardmore, Pa.	D
SHINN, JOHN G.	1705 Caton Avenue, Brooklyn, N. Y.	11 L
SMILEY, LUCIUS GEROW	Mohonk Lake, N. Y.	9 Bs
SOMERS, DAVID D.	17 Front Street, Marion, Mass.	36 Bc
STEINS, KENEDON P.	518 Prescott Road, Merion, Pa.	1 L
STEVENS, JOHN D., JR.	475 Fifth Avenue, New Kensington, Pa.	64 Bn
STILES, E. CLARKE, JR.	512 California Avenue, Oakmont, Allegheny Co., Pa.	D
STUDWELL, WILLIAM A.	15 Ashland Avenue, Pleasantville, N. Y.	39 Bc
SUTTERLIN, JAMES S.	208 Wilkinson, Frankfort, Ky.	11 L
THACHER, JOHN W., JR.	307 E. Central Avenue, Moorestown, N. J.	4 Bs
THOMSON, HAROLD S.	570 Lawrence Avenue, Westfield, N. J.	16 L
TOMLINSON, ALEXANDER C., JR.	114 W. Kings Highway, Haddonfield, N. J.	7 F
TORRENCE, HASKELL	20001 S. Woodland Road, Shaker Heights, Ohio	7 L
TURNER, ALBERT E., 3D	307 Hamilton Road, Wynnewood, Pa.	39 Bc
WARREN, WILLIAM T., JR.	49 Thomas Avenue, Bryn Mawr, Pa.	D
WHITEHEAD, JOHN C.	110 Summit Avenue, Upper Montclair, N. J.	35 Bc
WIDNEY, CARL E.	10 Mitchell Place, New York, N. Y.	66 Bn
WILKIE, JOHN BALL	Milton, N. Y.	1 M
WILLIAMS, HUGH R.	81 Myrtle Avenue, Wyoming, Maplewood P. O., N. J.	7 F
WINDER, DAVID A.	432 Oxford Road, Brookline, Pa.	1 L
WINDER, R. BAYLY, IV.	5908 Cedar Parkway, Chevy Chase, Md.	28 Bc
WINGERD, WILLIAM N.	Edgar Avenue and Riddle Road, Chambersburg, Pa.	4 L
WOODWARD, WILLIAM H.	Country Club Grounds, Dongan Hills, S. I., N. Y.	16 L
YEAPLE, WHITNEY SEILER	144 Dartmouth Street, Rochester, N. Y.	32 L
ZANDER, WILLIAM D.	Upper Gulf Road, Wayne, Pa.	D

FRESHMAN CLASS—1944

ABBOTT, CORNELIUS WEBSTER	5506 Lombardy Place, Baltimore, Md.	18 L
ALDEN, CHARLES SEYMOUR	2733 36th Street, N. W., Washington, D. C.	2 M
ALVORD, ELLSWORTH CHAPMAN, JR.	3512 Lowell Street, Washington, D. C.	14 Bs
AMUSSEN, JOHN RUSSELL	125 Kenwood Avenue, Bethesda, Md.	8 L

HAVERFORD COLLEGE

Name	Home Address	College Address
BAIR, GEORGE ELDRIDGE.....	8 Park Avenue, Bronxville, N. Y.	9 L
BAIRD, DONALD HESTON.....	7029 Milwaukee Avenue, Wauwatosa, Wis.	12 L
BALDERSTON, JOHN LLOYD, JR.....	1800 Angelo Drive, Beverly Hills, Calif.	18 L
BEYE, CYRUS LOMBARD.....	422 Brown Street, Iowa City, Iowa	52 Bn
BOLGIANO, LOUIS PAUL, JR.....	4411 Norwood Road, Baltimore, Md.	7 Bs
BUYERS, ARCHIE GIRARD.....	Picatinny Arsenal, Dover, N. J.	6 L
CLARK, JOHN WILSON.....	34 E. 45th Street, Panama, Rep. of Panama	9 L
COCKS, GEORGE ROWLAND.....	George School, Pa.	51 Bn
COMPTON, HORACE NEWTON, JR.....	622 Bryn Mawr Avenue, Penn Valley, Narberth, Pa.	D
CONN, WILLIAM KERR.....	5026 Saul Street, Philadelphia, Pa.	6 Bs
CRABTREE, JODIE DEE, JR.....	2121 Illini Road, Springfield, Ill.	15 Bs
CRAIG, CASSIN WINCHESTER.....	300 Maple Avenue, North Hills, Montgomery Co., Pa.	3 M
CURTIS, FREDERICK AUGUSTUS, JR.....	Granby, Mass.	58 Bn
DAVIS, DANIEL ELIAS, JR.....	"Glen Osborne," Sewickley, Pa.	53 Bn
DAY, ROBERT BRIGGS.....	930 Fairway Drive, Warren, Ohio	60 Bn
DOWNING, GEORGE VALENTINE, JR.....	243 Market Street, Salem, Va.	9 M
EAGER, HENRY ROBERT.....	303 Ten Eyck Street, Watertown, N. Y.	68 Bn
EGGER, ALBERT JAMES, JR.....	21 Tuscan Road, Maplewood, N. J.	33 Bc
ELKINTON, THOMAS.....	45 E. Maple Avenue, Moorestown, N. J.	61 Bn
FOX, CHARLES EDWIN, JR.....	S. W. Cor. City Line & 70th Ave., Oak Lane, Philadelphia, Pa.	54 Bn
FRANTZ, JOHN ARTHUR.....	3616 Watson Road, Indianapolis, Ind.	114 M
FREE, EDGAR DAUPHIN.....	6213 Morton Street, Germantown, Philadelphia, Pa.	D
FUNK, ELMER HENDRICKS, JR.....	6307 Sherwood Road, Overbrook, Philadelphia, Pa.	D
GOERKE, EDMUND, JR.....	601 Union Avenue, Elizabeth, N. J.	111 M
GOMEZ, MANUEL J.....	6106 Callowhill Street, Philadelphia, Pa.	D
GOUGH, JOSEPH THOMAS, JR.....	P.O. Box 86, Wilmington, Del.	17 L
GRAY, HENRY HAMILTON.....	R. 3, Box 499, Terre Haute, Ind.	22 F
GRIER, JESSE GYGER.....	6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	6 L
HADEN, JAMES COKE.....	2673 N. Park Blvd., Cleveland, Ohio	17 L
HAMMOND, EDMOND EMERSON, JR.....	Porter Road, Andover, Mass.	9 L
HEDGES, WILLIAM LEONARD.....	205 Bowen Street, Providence, R. I.	18 L

Name	Home Address	College Address
HELVESTON, HAROLD WILLIAM, JR.	5849 Belmar Terrace, Philadelphia, Pa.	22 F
Hires, William Leland	Berwyn, Pa.	D
HOLLANDER, WALTER, JR.	2604 Queen Anne Road, Baltimore, Md.	18 Bs
HOPKINS, GEORGE DEARBORN	3137 O Street, N. W., Washington, D. C.	12 L
HOUGH, JOHN TALCOTT	Mill Road, Falmouth, Mass.	16 Bs
HOUSTON, WILLIAM McCLELLAND	6820 Prospect Avenue, Ben Avon, Pittsburgh, Pa.	10 L
HOWE, WILLIAM EASTMAN	6 Hundreds Circle, Wellesley Hills, Mass.	105 M
HUBLER, GEORGE WALTER	Market Street, Auburn, Pa.	108 M
IRVING, EDWARD BURROUGHS, JR.	3110 W. Penn Street, Philadelphia, Pa.	D
JACOB, ROBERT MORRISON	42 W. Francis Avenue, Pittsburgh (10), Pa.	56 Bn
JONES, CORSON	9 Hesketh Street, Chevy Chase, Md.	51 Bn
JORDAN, ROBERT FAIRLES	1248 S. Grand Avenue West, Springfield, Ill.	6 Bs
KESTER, DONALD J.	436 W. Miner Street, West Chester, Pa.	50 Bn
KLEIN, JOHN SHARPLESS	41 Ashland Avenue, Pleasantville, N. Y.	17 L
KROM, JOHN McLAUGHLIN	117 Malba Drive, Malba, L. I., N. Y.	102 M
LACEY, DONALD BERNARD	2115 Belvedere Avenue, Upper Darby, Pa.	D
LEHMANN, WOLFGANG HANS	65 Argyle Avenue, New Rochelle, N. Y.	50 Bn
LLOYD, STEPHEN LLEWELLYN	1248 Post Road, Scarsdale, N.Y.	68 Bn
LOGAN, JOHN BRONSON	6001 Nevada Avenue, N. W., Washington, D. C.	61 Bn
LORENTZEN, RICHARD PETER	4601 Waveland Court, Des Moines, Iowa	67 Bn
LUKENS, PHILIP TINDEL	158 E. Butler Avenue, Ambler, Pa.	5 M
MARSHALL, DAVID LEA	574 Warwick Road, Haddonfield, N. J.	12 L
MARXSEN, ROGER SUTCLIFFE	2309 Ridge Avenue, Evanston, Ill.	60 Bn
MATHIAS, CHARLES McCURDY, JR.	Court Square, Frederick, Md.	58 Bn
McSHANE, WILLIAM ROBERT	318 Morgantown Street, Uniontown, Pa.	33 Bc
MILLER, DANIEL KELLER	2033 Willemore Avenue, Springfield, Ill.	15 Bs
MOORE, GILBERT HENRY, JR.	11 E. Lexington Street, Baltimore, Md.	7 Bs
MOORE, WARREN, JR.	Bon Air, Va.	109 M
MURPHEY, ROBERT WILSON	S. E. Cor. Tunbridge Rd. & College Avenue, Haverford, Pa.	52 Bn
MYERS, GERALD EUGENE	7 Charles Street, Meshanticut Park, R. I.	8 L
NORTON, RICHARD WILLIAM, JR.	6620 Broadway, San Antonio, Texas	D

Name	Home Address	College Address
PEASE, ALFRED MORGAN, JR.	207 Bloomfield Avenue, West Hartford, Conn.	67 Bn
POST, ARNOLD RAE	9 College Lane, Haverford, Pa.	D
ROBINSON, DERRICK PATRICK MOORE	62 Moreland Avenue, Trenton, N. J.	104 M
ROESLER, JOHN BAIRD	130 Kings Point Road, Great Neck, L. I., N. Y.	8 Bs
SHIPLEY, JAMES EMLEN, JR.	5269 Germantown Avenue, Germantown, Philadelphia, Pa.	D
SHOFFSTALL, DONALD HUGH	76 Chestnut Street, Maplewood, N. J.	116 M
SMITH, HARRY ROYER, JR.	509 Brookview Lane, Brookline, Upper Darby, Pa.	D
STOKES, DAVID EVANS	629 Church Lane, Germantown, Philadelphia, Pa.	8 Bs
STOKES, SAMUEL EMLEN, JR.	"Broadacres," Moorestown, N. J.	14 Bs
STOTT, PAUL RICHARD	905 S. Main Street, Newark, N. Y.	53 Bn
STUART, SPENCER RAYMOND	10943 Longwood Drive, Chicago, Ill.	10 L
SUTTON, HENRY CRAIG, JR.	Apartado 1715, Havana, Cuba	16 Bs
THOMAS, CHARLES EDGAR, JR.	Darlington, Md.	18 F
VILA, HENRY SABAU	5713 N. Park Avenue, Philadelphia, Pa.	6 L
WATKINS, RICHARD WALKER	1120 N. Highland Avenue, Pittsburgh, Pa.	107 M
WENDELL, DOUGLAS CARY, JR.	135 Poplar Avenue, Wayne, Pa.	D
WIGFIELD, HARVEY	170 Dixon Street, Paterson, N. J.	31 F
WIRES, JOHN STANLEY	18 Whiting Road, Wellesley Hills, Mass.	10 L
WOOD, HOWARD PAGE	7406 Germantown Avenue, Mt. Airy, Philadelphia, Pa.	59 Bn
WORL, JAMES HOWARD	119 N. Walnut Street, Cambridge City, Ind.	59 Bn

SUMMARY

Graduate Students	13
Seniors	77
Juniors	76
Sophomores	84
Freshmen	86
Total	336

DIRECTORY

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FACULTY AND OFFICERS

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Allendoerfer, Carl B.....	791 College Avenue.....	5426
Atteberry, Robert William.....	Graduate House.....	2195
Babbitt, Dr. James A.....	Tunbridge and Blakely Rd's.....	50
**Bernheimer, Richard M.....	225 Roberts Rd., Bryn Mawr.....	
Betz, Ebon E..... Bryn Mawr 1427 W	
Blanc-Roos, René.....	Founders Hall, East.....	564
Blanshard, Brand.....	A-3 Dreycott Apts.....	2158 M
513 Ogden Ave., Swarthmore, Pa.		
Brown, Henry Tatnall, Jr.....	1 College Lane.....	1222
Bushnell, Joseph, 3rd.....	3019 Midvale Ave., Philadelphia, Pa.....	Germantown 0665
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Clement, Charles A.....	Woodside Cottage.....	3109 J
Clement, Wilmer B.....	Founders Hall, East.....	564
Comfort, Howard.....	5 College Circle.....	3732
Comfort, William W.....	South Walton Road.....	455
Coppock, J. D.....	Haverford College.....	754
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Herndon, John G.....	2 College Lane.....	364
Hetzel, Theodore B.....	768 College Avenue.....	4393 W
Holmes, Clayton W.....	3 College Lane.....	195 W
**Hotson, J. Leslie.....	3 College Circle.....	1312
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Pfund, Harry W.	637 Walnut Lane.....	5532
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Post, L. Arnold.....	9 College Lane.....	258 M
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Randall, Roy E.	3 College Lane.....	195 J
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Snyder, Edward D.	36 Railroad Avenue.....	712
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* Absent on leave, first semester, 1940-41.

† Absent on leave, 1940-41.

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Barclay Hall, North.....	9506
Barclay Hall, South.....	9508
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Dean, H. Tatnall Brown, Jr.....	1441
Dean of Freshmen in Charge of Admissions, A. MacIntosh.....	1441
Founders Hall, East.....	564
Founders Hall, Dormitory.....	9533
Founders Hall, Kitchen.....	9544
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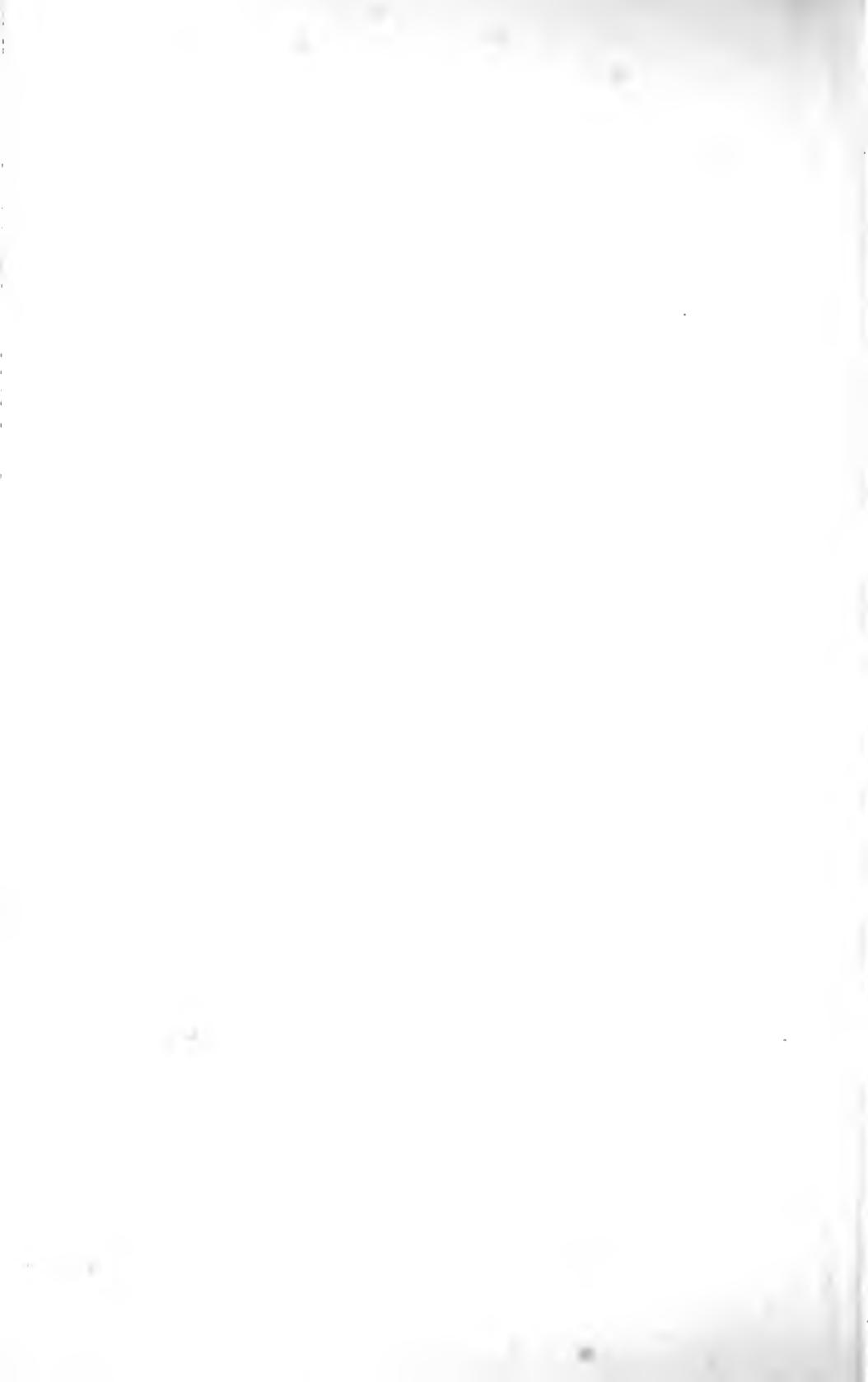
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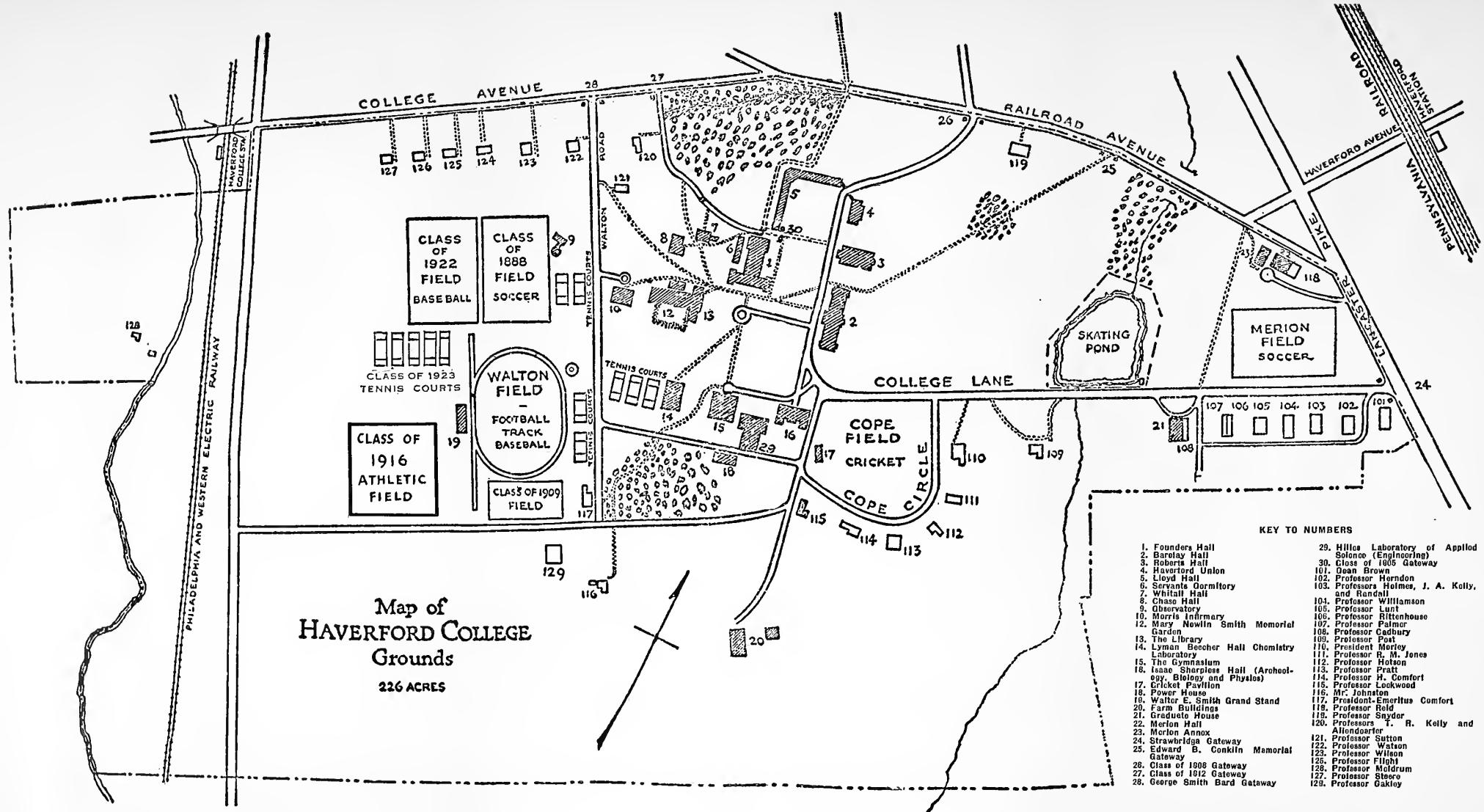


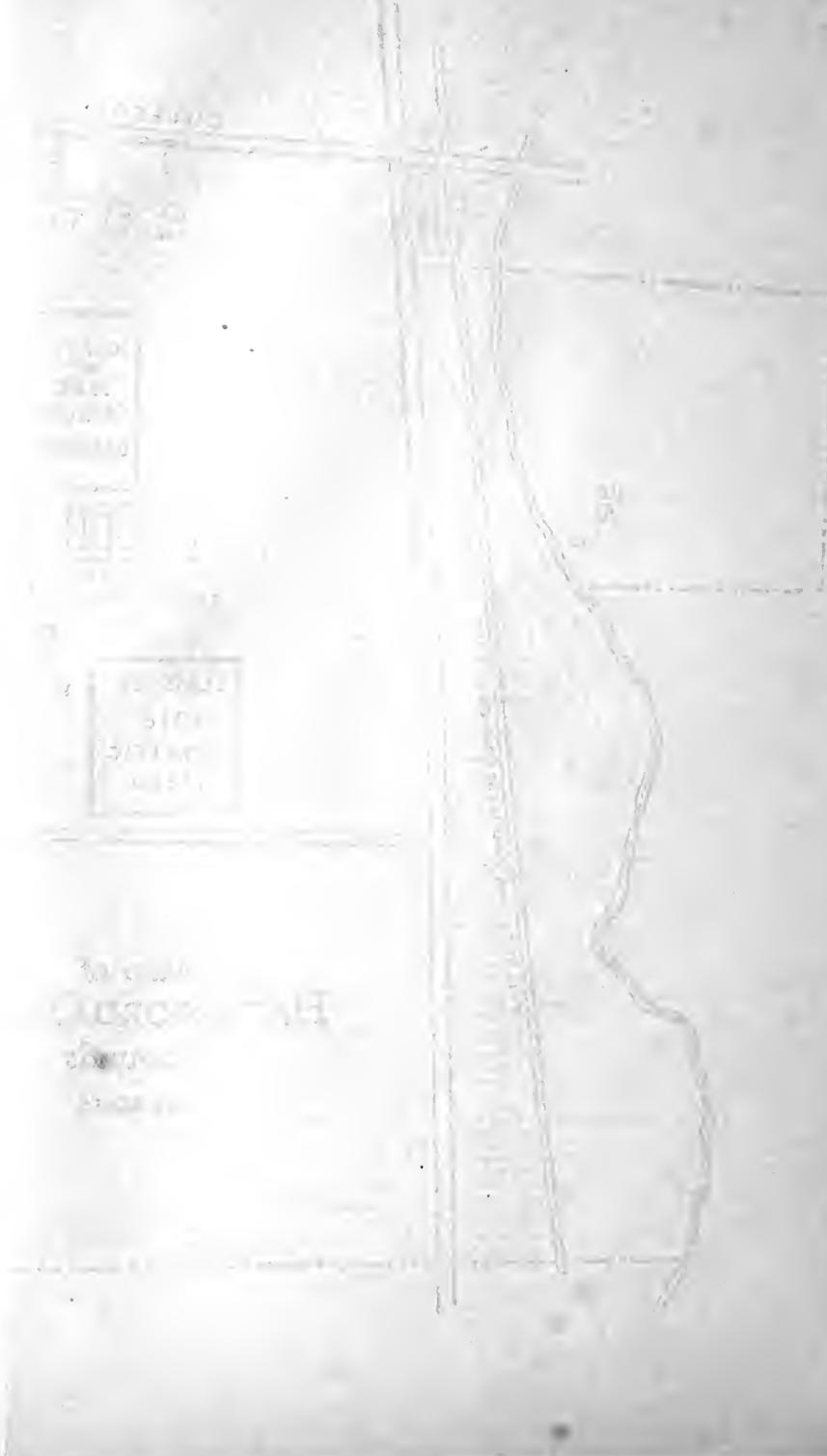
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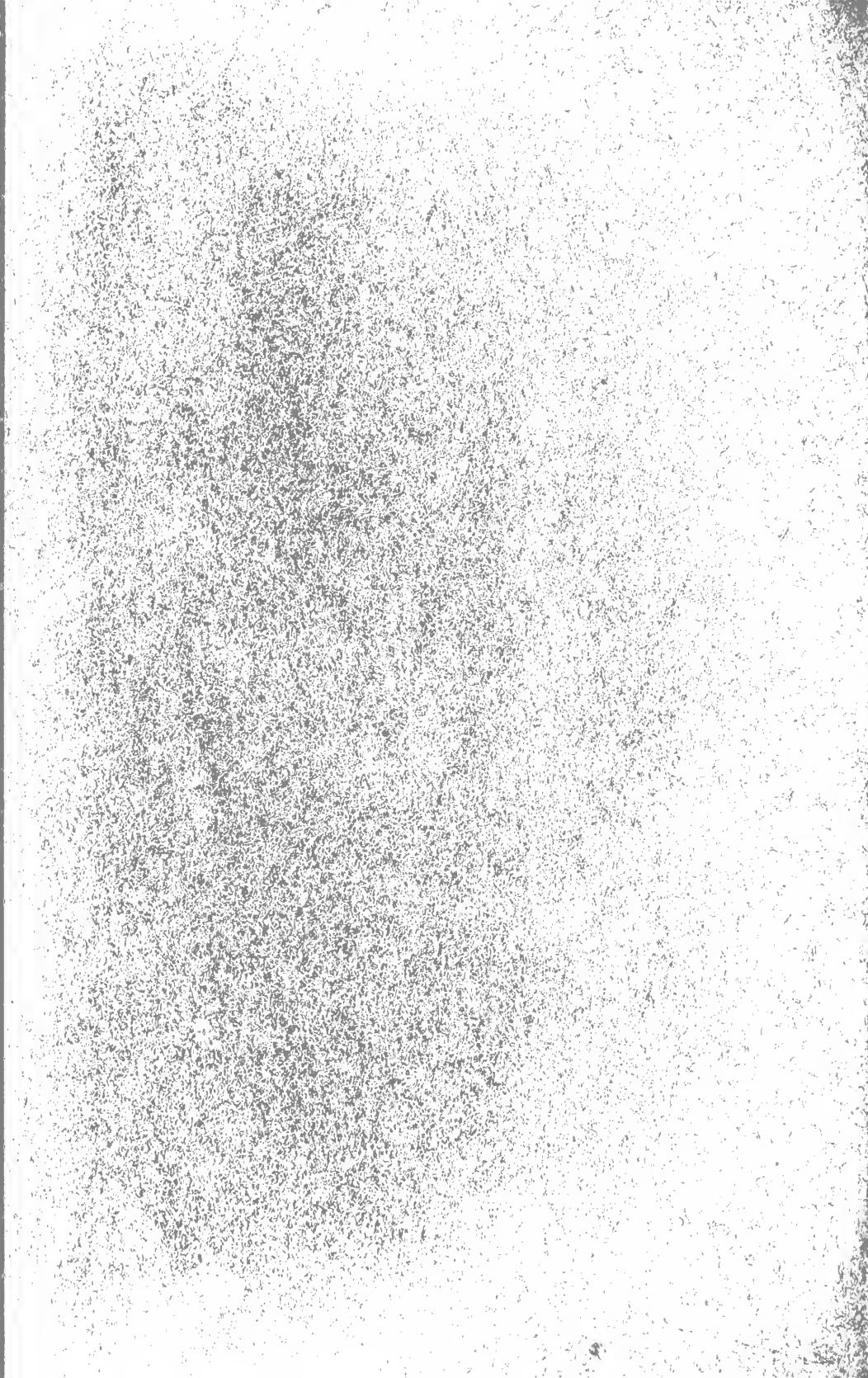
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Map of
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HAVERFORD COLLEGE BULLETIN

REPORTS OF THE PRESIDENT OF THE COLLEGE
AND TREASURER OF THE CORPORATION

1939 - 1940



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THE CORPORATION OF
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1939 - 40

Reports of
PRESIDENT OF THE COLLEGE
TREASURER OF THE CORPORATION

Presented at the Annual Meeting
Tenth Month 7, 1940



HAVERFORD · PENNSYLVANIA



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1940-1941

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President

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A.B., *Albion College*; A.M., *University of Michigan*; Ph.D., *University of Pennsylvania*
 Instructor in Mathematics

RENÉ BLANC-ROOS

S.B. and A.M., *Haverford College*
 Instructor in Romance Languages

* Absent on leave second semester 1940-41.

JOHN OTTO RANTZ*Graduate of the Williamson Free School of Mechanical Trades**Instructor in Engineering*

The Dean, the Dean of Freshmen and the Registrar are ex-officio members
of the Faculty.

ASSISTANTS**ALAN S. FITZGERALD**

Research Associate

in

Physics and Engineering

THOMAS C. GIBBA.B., *Dickinson College*

English

HARRY JOHN KOLBB.S., *Hamilton College*

Chemistry

ROBERT WILLIAMS ATTEBERRYB.S., *Beloit College*

Chemistry

JOHN SETH LAUGHLINA.B., *Willamette University*

Physics

OFFICERS OF ADMINISTRATION

FELIX M. MORLEY

A.B., *Haverford College*; B.A., *Oxford University*; Ph.D., *Brookings Institution*
Litt.D. *George Washington University*
President

HENRY TATNALL BROWN, JR.

S.B., *Haverford College*; M.A., *Columbia University*
Dean

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*
Dean of Freshmen and Director of Admissions

WILLIAM MINTZER WILLS

A.B., A.M., *Haverford College*
Bursar and Registrar

JAMES ADDISON BABBITT

A.B., *Yale University*; A.M., *Haverford College*; M.D., *University of Pennsylvania*
Medical and Athletic Adviser

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*
Curator of the Quaker Collection

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*
Librarian

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*
Physician in Charge

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*
Director of the Strawbridge Memorial Observatory

ROBERT J. JOHNSTON

Superintendent of Buildings and Grounds

AMY L. POST

A.B., *Earlham College*
Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*
Resident Nurse

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President is an ex-officio member of all committees.

The Dean and the Dean of Freshmen are ex-officio members of the following committees: Admissions, Curriculum, Delinquent Students, Major Concentration and Honors, and Student Affairs.

Admissions

DEAN MACINTOSH, *Chairman*
PROFESSORS RITTENHOUSE, SNYDER, HERNDON, RANDALL, AND
MR. GUMMERE

Advanced Degrees

PROFESSOR T. R. KELLY, *Chairman*
PROFESSORS LUNT, DUNN, FLIGHT, AND COMFORT

Catalog

PROFESSOR ALLENDÖRFER, *Chairman*
PROFESSORS JONES, FETTER, AND MR. WILLS

Curriculum

PROFESSOR SNYDER, *Chairman*
PROFESSORS MELDRUM, HERNDON, SUTTON, AND PFUND

Delinquent Students

PROFESSOR REITZEL, *Chairman*
PROFESSORS PALMER, DUNN, HOLMES, WILLIAMSON, TEAF,
AND MR. HADDLETON

Fellowship Recommendations

PROFESSOR POST, *Chairman*
PROFESSORS J. A. KELLY, SUTTON, AND CADBURY

Library

PROFESSOR DRAKE, *Chairman*
PROFESSORS LOCKWOOD, HOTSON, REITZEL, T. R. KELLY,
TEAF, AND HETZEL

Major Concentration and Honors

PROFESSOR WATSON, *Chairman*
PROFESSORS PALMER, RITTENHOUSE, LOCKWOOD, AND MELCHIOR

Prizes

PROFESSOR PFUND, *Chairman*
PROFESSORS RITTENHOUSE AND MELCHIOR

Student Affairs

PROFESSOR WILLIAMSON, *Chairman*
PROFESSORS FLIGHT, TEAF, RANDALL, AND MR. LAFFORD

Student Petitions

DEAN BROWN, *Chairman*
PROFESSORS POST, COMFORT, HOLMES, AND HENRY

PRESIDENT'S REPORT 1939-40

The college year 1940-41 has opened with an attendance of 338, 325 being undergraduates and 13 being graduate students. There are 87 freshmen entering from 64 different schools, of which 38 are private and 26 are public, a total of 55 students from private and 32 from public schools. Of the freshmen, 68 are sons of college men and 19 of non-college men; 40 are sons of professional men and 41 of business men; the father of one is retired and the fathers of 5 are not living. 44 students in the College are sons of Haverfordians. In the student body 27 states are represented and 5 foreign countries as follows:

California	4	North Carolina	2
Connecticut	5	Ohio	8
Delaware	3	Oregon	2
District of Columbia	10	Pennsylvania	137
Illinois	15	Rhode Island	4
Indiana	4	Tennessee	1
Iowa	5	Texas	1
Kentucky	4	Virginia	3
Maryland	15	West Virginia	1
Massachusetts	16	Wisconsin	4
Michigan	2		
Minnesota	2		
Missouri	1	China	1
Montana	1	Cuba	1
New Hampshire	1	England	1
New Jersey	38	Panama	1
New York	43	Portugal	1

The religious census of the student body is as follows:

Episcopal	87	Society of Friends	4
Presbyterian	72	Methodist	2
Society of Friends	46	Anglican	1
Methodist	22	Christian Science	1
Baptist	18	Congregational	1
Congregational	18	Evangelical & Reformed	1
Roman Catholic	11	Mennonite	1
Jewish	10	Presbyterian	1
Lutheran	9	Protestant	1
Unitarian	6	Total Graduate Students	13
Christian Science	5		
United Presbyterian	4		
Disciples of Christ	2		
Dutch Reformed	2		
Evangelical & Reformed	2		
Brethren	1		
Protestant	4		
No religious affiliation	7		
Total Undergraduates	325		

For historical purposes it is interesting to note the number of students registered for the first term of 1940-41 in the different departments of instruction:

Art.....	19	Greek.....	12
Astronomy.....	43	History.....	156
Biblical Literature.....	27	Italian.....	8
Biology.....	92	Latin.....	29
Chemistry.....	180	Mathematics.....	121
Economics.....	155	Music.....	23
Engineering.....	62	Philosophy.....	95
English Language & Literature.....	187	Physics.....	83
French.....	93	Sociology.....	82
German.....	111	Spanish.....	12
Government.....	121		

Professors Swann and Howard Comfort have returned after absence all of last year. For the current year Professor Oakley has been granted sabbatic leave for the first term, Professor Fetter for the second term, and Professor Steere for the entire year. To carry the work of these men, Dr. Joseph D. Coppock, and Professors Brand Blanshard and Maurice Mandelbaum of Swarthmore College have been temporarily appointed on part time. René Blanc-Roos, A.M. (Haverford '35) has been appointed Instructor in Romance Languages on part time. The most significant appointment recently made is that of Dr. Benjamin Gerig as Associate Professor of Government. Dr. Gerig has been for the past ten years an American member of the Secretariat of the League of Nations and is well known here and abroad as an authority in the field of international relations.

The last year of the administration which has just closed was an average one, which is to say a tranquil one marked by no events either of tragic or comic importance in our academic history. The usual good work was done in the several departments of our activity. Mr. Haddleton, the veteran track coach, brought to a satisfying total of thirty his uninterrupted series of victories in dual meets; then Lehigh and Lafayette successively defeated us. In most forms of sport the different teams were below par. Cricket, which of late years has been approaching its nadir, enjoyed an unexpected revival of interest due to the organization of teams at Princeton, the University of Pennsylvania and Ursinus, with all of which our students were engaged. It is evident from the records that for a full century Haverfordians have played this noble game.

As a result—we may hope—of their preparatory studies in the social sciences, the Haverford delegation to the League of Nations Model Assembly again acquitted itself with distinction. Moreover, five Haverfordians have now been appointed by the State Department, after examination, to its Foreign Service,

World conditions produced discussion among Faculty and students, as the result of which the following statement was drawn up:

Haverford College, in keeping with its Quaker tradition, has felt a particular responsibility in these days of acute domestic and foreign need to offer to a number of its students an opportunity to prepare themselves for undertaking direct work of social reconstruction, relief and rehabilitation. The American Friends' Service Committee is at present engaged in such social reconstruction, relief, and rehabilitation through some ten volunteer summer work camps, a number of refugee transit and rehabilitation camps, and a relief program in Poland and among Spanish and evacuated French groups in southern France. This work may increase in scope and area. Already there is a need for personnel who are trained and grounded in the spirit in which this service is rendered.

In cooperation with the American Friends' Service Committee, Haverford College proposes to establish a program of student training for work of rehabilitation and social reconstruction which is to be designated as the Haverford College Service Project. Planned by a committee under the leadership of President W. W. Comfort, Haverford College will offer to a carefully selected group of concerned students a ten-week work project that will take two hours each day between four and six, on the first four days of each week. Albert H. Wilson, Professor Emeritus of Mathematics, will be the director of the project. The departments of Engineering, Sociology and Modern Languages are offering their facilities. The project will begin on February 19th and conclude on May 2nd, the week of spring vacation being excepted.

In order to get this group of young men in condition and to give them training in rough carpentry operations and in preparing and laying concrete, a simple work project has been devised in the form of tearing down an old cricket shed and constructing in the neighborhood of the outlying farm buildings a lumber storage shed with concrete piers. Auxiliary training will be carried on in small groups who will be released from the main project in order to learn elementary repairs on a motor truck and certain rudimentary farm operations. Against a possible contingency that such rehabilitation work might be undertaken abroad, one period a week will be devoted to instruction in how to make a social survey of a village, in first aid and village hygiene, and in conversation in French and German. The conversation practice will be continued on the work project, where at least four students who are proficient in those languages will be in the working group. Students not already grounded in these languages, however, will not be in any way barred from entering the project.

No formal credit will be given for this voluntary work, but undergraduates will, of necessity, be excused from the required physical training. Men who have proven themselves fit in this work and who wish it will be recommended by the Director to the American Friends' Service Committee for service with them.

For twenty-three years Haverfordians have been closely identified with the American Friends' Service Committee. So it is appropriate now that Haverford should again offer its resources for those of its students who may wish to devote their energies to constructive rather than destructive service.

In response to this presentation forty undergraduates, largely from the lower classes, volunteered for such a course of ten weeks from whom twenty were selected to carry it out. A considerable degree of satisfaction was felt in this experiment along the general lines of the Reconstruction Unit organized in 1917, and it is possible that more will be heard of the idea later in the present year. Because of the requirement of some useful manual skill, the plan has much to recommend it as a permanent addition to our curriculum. The question is being frequently raised whether the average college course would not be strengthened by the inclusion of training in one manual skill. If such a course should find favor in the future, we are happily situated at Haverford to include agricultural or construction work.

Since the adoption of plans for a new wing of the Library prepared by E. Nelson Edwards '10, a committee of the Board has been soliciting funds for its construction. A year ago it was reported that about \$50,000 was in hand. Efforts of the past twelve months have brought this sum up to \$110,000, leaving about \$10,000 needed to complete the construction and necessary equipment of the building. The cornerstone was laid on last Commencement Day by the President of the College, and construction has been proceeding ever since. It is a satisfaction to be able to report that this great need of the College has been at last filled. To the hundreds of donors of large and small amounts who have made possible this addition to our facilities, the College is deeply indebted. Outstanding among the gifts of the year is one from Morris E. Leeds, President of the Corporation, of 300 shares of Leeds and Northrup Stock Trust which when sold realized \$30,078; this is in addition to his former generous gifts to the College, and in grateful recognition of it the Board recorded the following Minute on Ninth Month 20th, 1940: "The members of the Board were deeply stirred by this further very liberal gift from our Chairman in addition to his previous large donation for the new library stack building. They felt that it gave fresh evidence of his firmly grounded faith and interest in the College. They wanted him to know of their warm and grateful appreciation of his generous action and wished to reaffirm their tribute to him recorded on the occasion of his earlier gift."

The cooperation between the University of Pennsylvania, Bryn Mawr, Swarthmore and Haverford, happily initiated by President Gates some years ago, is making evident progress and may well take on future developments as yet not foreseen. The occasional exchange of students and Faculty members under certain conditions has been going on for several years. This past year under Mr. Lindsay A. Lafford of the Haverford Faculty, our students engaged in successful choral concerts with the students of Bryn Mawr and Swarthmore. With the change of administrations at three of these colleges coming at about the same time, it may be possible and desirable to explore further means of cooperation along academic and economic lines.

The most weighty deliberations of the Board of Managers have been devoted to the selection of a President of the College. A committee made a thorough canvass of the situation and finally was able to nominate to the Board Dr. Felix Morley of the Class of 1915 and for the past seven years Editor of *The Washington Post*. This

is not the time to indulge in hopes or prophecies for the coming administration; but, born on the College grounds, a Rhodes Scholar, a wide traveler and student of international affairs both at home and abroad, and more recently a trained observer and commentator of world happenings and tendencies, Dr. Morley was considered the most eligible and best equipped man who could be found. His age, health, acquaintance, character and ideals combined to make him the unanimous selection of the Board of Managers after weighty consideration of the requirements of the position. Fortunately he has recognized the educational importance of the presidency of Haverford College, has accepted the office, and since Ninth Month 1st has been in charge of the College business.

A rapid survey of the history of the College during the past twenty-three years may have some historical value upon this occasion. Both the student body and the personnel of the Faculty have increased about fifty per cent during this period of graduated expansion. The physical plant has been increased by the building of Sharpless Hall for biology and physics, of the Hilles Laboratory of Applied Science, the building of the William J. Strawbridge Memorial Observatory with a very sufficient equipment, the extension of Lloyd Hall, and the adaptation of Roberts Hall for larger usefulness. Two large fields have been graded and added to our outdoor athletic equipment. The book value of endowment funds has been increased from two and a half million to nearly four and a half million dollars and in addition about half a million dollars has been expended upon buildings as above, all of which represents special contributions for the purpose and not the use of endowment funds.

The extension of the curriculum has affected such studies as art, astronomy, botany, music and political science, the development in the last-named subject being possible through the establishment of the William Penn Foundation in 1926. It would appear that the Faculty is sufficiently large to take adequate care of instruction in all branches of the curriculum now established at Haverford; I am aware, however, that I have said this before, and still the Faculty increases. The proportion of students to teachers is now so low, being about seven to one, that any future increase of the Faculty without a corresponding increase in the student body may be regarded as economically unwarranted. The instruction at Haverford is of the most expensive type, and if it is to be preserved under falling rates of income from endowment, the amount

of free funds for such purposes must be quickly increased. During the period under review the General Education Board of the Rockefeller Foundation and the Carnegie Corporation have both contributed generously to the needs of the College. But on the whole the College must depend for support upon its alumni and friends, who believe in the sort of liberal education available here.

The past administration has been conducted under the difficulties of a very fluctuating economic condition. Begun in wartime and closing with the civilized world in a state of turmoil, it has been necessary to watch events closely and not become financially responsible for too much expansion. There are many who think that private education, both at the secondary and higher levels, is due for some retrenchment owing to the economic necessities of possible patrons and to the competitive opportunities of tax-supported institutions. What the effect, if any, upon Haverford will be, we shall have to wait to see. Up to the present time there has been no apparent withdrawal of patronage from Haverford, and this in spite of the considerably increased costs of tuition which the last twenty years have seen.

Though founded a century ago by New York and Philadelphia Orthodox Friends, the College has never had an organic connection with any Yearly Meeting. What a large service Haverford has rendered in training men for responsible positions in Philadelphia Yearly Meeting, has, however, been effectively shown. It should continue to render this service not only to Philadelphia Quakerism but to Quakerism at large in the United States. We have already the largest collection of Quaker material, both in printed and manuscript form, to be found in this country, and this collection has now become a source of frequent inspiration for historical study. The increased library space and facilities will enable Haverford to offer a safe and convenient place of deposit for family records of historical value. The service which Haverford can render to the Society of Friends depends upon the number of Friends who patronize the College. It is a matter of regret that this patronage is not larger. Friends in the eastern Yearly Meetings have often preferred to send their sons to colleges where there is no Quaker influence whatever. Yet it has been frequently remarked that the Quaker atmosphere of the College, though certainly not obtrusive, has been very real during the past decade. This influence is expressed largely through the Fifth-Day Meeting and the personal influence of a number of men on the Faculty who cherish the Quaker concern for the individual development of their students.

The following lectures outside of the regular course have been given during the year:

"Newspaper Work," by Richard Thornburgh and William Grover. Tenth Month 6th, 1939

"Study of the Gospels," by Albert L. Baily. Tenth Month 26th, 1939

"The Economics of Nazism," by Dr. Moritz J. Bonn. Eleventh Month 16th, 1939

Poetry Reading by Mrs. Elizabeth Van Dusen. Eleventh Month 29th, 1939

"The Christian Hope and World Crises," by Dr. George A. Buttrick. Twelfth Month 4th, 1939

"Labrador," by Dr. Wilfred Grenfell. Twelfth Month 6th, 1939

"Poisonous Plants," by Professor H. K. Henry. Twelfth Month 7th, 1939

"Alchemy," by Dr. Claude K. Deischer. Twelfth Month 14th, 1939

"Along the West Coast to Alaska," by Edward Woolman. First Month 9th, 1940

"Criticisms of Streit's Plan for Union Now," by Dr. Roger H. Wells. First Month 17th, 1940

"Differences Between the Plants of the Tropical and Mountainous Regions of Colombia, South America," by Dr. Francis W. Pennell. Second Month 7th, 1940

"Readings," by Professor J. Leslie Hotson. Second Month 13th, 1940

"Representation of the Non-Euclidean Geometry in the Plane," by Professor Emeritus Albert H. Wilson. Second Month 18th, 1940

"The Science of Electroencephalography," by Dr. Kenneth Scott. Third Month 4th, 1940

"Odd Brothers of the Telephone," by W. F. Powell. Third Month 6th, 1940

"A Trip through Africa," by Francis J. Stokes. Third Month 13th, 1940

"What Interests the American Reading Public," by Dr. Donald A. Laird. Third Month 11th, 1940

"Recitations and Readings of German Ballads and Lyrics," by Professor Friedrich Kegel. Third Month 19th, 1940.

"King Lear," by Professor George Lyman Kittredge. Fourth Month 6th, 1940

"Michelangelo's Sistine Ceiling: a new interpretation," by Dr. Edgar Wind. Fourth Month 18th, 1940

"The Workers' Point of View on the Modern Labor Problem,"
by Alfred Hoffman. Fourth Month 10th, 1940

"The Employers' Point of View on the Modern Labor Problem,"
by Robert M. Van Sant. Fourth Month 17th, 1940

"Civil Engineering," by Alexander Williams.
Fourth Month 24th, 1940

"Relativity," by Professor Frederic Palmer, Jr.
Fourth Month 29th, 1940

"The Unemployment Situation in Pennsylvania," by Richard
P. Brown. Fifth Month 11th, 1940

"Snakes of the Eastern United States," by Roger Conant.
Fifth Month 14th, 1940

"The Causes of the Present European War," by Professor W.
E. Lunt. Fifth Month 17th, 20th, 22nd, 1940

"The Problems of Readjusting Criminals to Their Environ-
ment," by Dr. E. Reston Sharp. Fifth Month 17th, 1940

Commencement exercises in Roberts Hall, with an address by
President W. W. Comfort Sixth Month 8th, 1940

Debates:

Besides inter-class debates, intercollegiate debates were held
with the following colleges:

Boston University
Bowdoin College
Cedar Crest University
Drew University
Harvard University
Moravian College
Princeton University
Rosemont College
Rutgers University
St. Joseph's College
Swarthmore
University of Pennsylvania
Villanova College
West Chester State Teachers College
William and Mary College

LIBRARY REPORT

After years of complaining of the inadequacy of the Library building, it is a pleasure to report tangible progress on the new wing which is to house an ample addition to the stack and (for the first time since the College was founded) to provide proper work space for the staff. For this happy consummation we have to thank the Alumni Committee who have raised the funds in these difficult times. The removal of the sod in April was a welcome sign of activity, soon followed by excavations—which a wet spring turned into a dismal sea of mud, but the laying of the corner stone by Pres. Comfort on Commencement Day, in a small outcropping of foundation-wall, was a triumph that could not be denied.

At such a time as this, when we are in a period of transition to greatly improved library facilities, the customary report of humdrum activities seems almost an anachronism. Nevertheless our routine work had to go on, in spite (to hark back to the old note) of overcrowding! Lighting, at least, was considerably improved. It remains only to improve the heating—in the old building—and to stop the roof from leaking.

A step forward in the recognition of Haverford's standing among scholarly libraries was taken by the inclusion of our periodical holdings in the forthcoming re-edition of the national *Union List of Serials*. The task of checking our sets accurately is still going on and is a long and arduous one.

Much progress was made during the year in the disposal of duplicates. A final donation during the summer to Whittier College cleared out practically all our accumulations, except in the special fields of Quakeriana, astronomy, and Haverfordiana. From now on, ordinary duplicates will be disposed of as fast as they are checked. The chief source of duplicates is from gift collections.

Two changes in personnel occurred at the close of the year, and we shall begin the academic year 1940-41 with a staff of six instead of five-and-a-half. Miss Barbara Overton, a graduate of Randolph-Macon College and of the Columbia University Library School, will have charge of orders and accessions, in place of Miss Clarice Barker, who accepted a call to the New Jersey College for Women. Miss Doris Coffin, a graduate of N. Y. State College for Teachers at Albany (library course), will have charge of binding and other routine matters.

DEAN P. LOCKWOOD
Librarian

The total number of volumes in the library at the end of August, 1940, was 146,789. During the past year 2739 volumes were added, 1,273 by purchase, 1,034 by gift, and 432 sent by the United States Government for the Government Depository Collection, besides numerous pamphlets filed in our government pamphlet collection. 142 were discarded.

The friends of the library have again been very generous with their gifts. Mr. John W. Herndon of Washington, D. C. donated 305 books from his private library, on government, law, and allied subjects. From the heirs of Henry Tatnall we received 175 volumes, mostly historical and biographical. Among the many other gifts, the following may be mentioned briefly:

- From the American Friends' Service Committee, 65 books and pamphlets.
- From Robert Barrie, 35 books.
- From Anna S. and C. G. Hoag, 30 books besides many duplicates to be used for exchange.
- From Joshua L. Baily, Jr., 21 rare Quaker tracts.
- From William W. Comfort, 19 books.
- From Harry W. Pfund, 15 books.
- From Francis R. Walton, 8 books.
- From Robert F. Wood, a subscription to *Fortune*.

For these and others too numerous to mention, we are very grateful. Indirectly the library is also benefiting from a gift of \$300 to the German department from the Henry Janssen Foundation of Reading, Pa. \$80 of this amount has been spent for a Linguaphone and the major part of the remainder will be spent for books for the library dealing with German literature.

The total circulation of library books was 22,250. Of this number, 3,392 were loaned to professors, 14,002 to students, and 4,856 to borrowers not connected with the college. In addition to these, 75 books were sent out on inter-library loan, and 20 were borrowed by us. The last-mentioned figure is misleading however, since many of the students and professors visit the nearby colleges and universities and personally borrow books from them. We are very grateful for the friendly service rendered by libraries in this vicinity and also by the Union Catalog staff in Philadelphia.

AMY L. POST
Assistant Librarian

REPORT OF THE CURATOR OF THE QUAKER COLLECTION

Haverford's collection of books and manuscripts relating to the history of the Society of Friends has grown more rapidly than ever during the past year. Five hundred books of Quaker interest have come to the Library, of which 240 were purchased and 262 were received as gifts. The purchases included a wide variety of Quakeriana, old and new, from the latest Pendle Hill Essay to various editions of Quaker classics such as Penn, Whittier, Barclay, and Fothergill. We even obtained a new edition of Fox's *Journal* in Spanish. Many dealers' catalogues were searched for Quaker books now out of print, and much care went into the selection of those which Haverford needed and could afford. One valuable set of forty-five rare pamphlets on Middle-Western Quakerism was obtained from the Ohio State Archaeological and Historical Society, through the kindness of Dr. Harlow Lindley. Thus the largest donors of printed works this year were institutions rather than individuals. The American Friends Service Committee and the American Friends Board of Missions in Richmond, Indiana, gave numerous pamphlets and reports. A group of five members of North Carolina Yearly Meeting of Friends (Conservative) went to great pains to collect twenty-one of the annual printed *Minutes* of their Meeting, which enabled us to complete our Haverford file. Without the help of these Friends this would have been impossible, for although *Minutes* are received annually now from most Yearly Meetings here and abroad, the problem of filling in the gaps for earlier years is almost insurmountable. In addition to receiving gratis these *Minutes* and other reports of Quaker organizations, the Library carried twenty-nine Quaker periodicals on its regular subscription list.

A notable accomplishment of the year has been the cataloguing by Miss Post, Miss Hewitt and the Library staff of a large number of Quaker broadsides and pamphlets which have been waiting for the cataloguer since Allen C. Thomas's day. These rarities were hitherto practically inaccessible, but they are now easily available to students of Quaker history, and we hope to catalogue the remaining pamphlets as soon as the dust from the building of the new wing of the Library has cleared away.

The manuscripts department received 1,959 items from thirty-nine donors during the year, most of which were for the Quaker Collection, although some will find a place in the Charles Roberts Autograph Collection. These gifts were discussed at length in the number of *Quakeriana Notes* which was published in Sixth Month, 1940. The largest single gift was that of eight bound volumes of Scattergood letters, deposited on loan by Alfred G. Scattergood. They include, among other things, the personal letters of Thomas Scattergood, written during his travels in the ministry from 1781 to 1814.

The above figure as to the number of manuscripts received leaves out of account the new shipment of manuscript records of the American Friends Service Committee, which was deposited here in the Spring. Fifteen filing cases of four drawers each were brought out from Philadelphia, making a total of 176 filing drawers of Service Committee archives now being cared for at Haverford. The usefulness of these records is illustrated by the fact that one drawer alone furnished 3,218 items which were reviewed and tabulated by Arle Brooks and Robert J. Leach of Pendle Hill for their pamphlet on Quaker conscientious objectors during the World War, *Help Wanted* (Philadelphia, American Friends Service Committee, 1940). In addition to these two men, there have been nineteen other research students who came to Haverford during the year to work on some aspect of Quaker history. Two graduate students at the College made studies in Quaker history under the direction of the Curator. Meredith B. Colket, Jr., worked on Penn's Free Society of Traders and on the passenger list of the ship *Welcome*, while Kenneth W. Crosby investigated the activities of the old Pennsylvania Abolition Society in the eighteen-thirties. The Works Progress Administration has had workers at Haverford in connection with a project for making a guide to Quaker manuscripts in the state of Pennsylvania.

Since Haverford has from time to time benefited from the distribution of duplicates from other Friends libraries, it was gratifying to be able to present about

two thousand carefully selected Quaker books and pamphlets from our own duplicate collection to the library of Whittier College, California. Two of our rarer duplicate broadsides were also exchanged with the John Carter Brown Library in Providence on a priced basis for a valuable Penn pamphlet of 1688. While hoping to profit by some exchanges of this sort, we expect to distribute the bulk of our duplicates to the libraries of other Quaker institutions. In preparing a list for this purpose we have been assisted by a grant-in-aid from The Book Association of Friends, Philadelphia.

The most important addition to the Quaker Collection has come from war-time London. It is a collection of nine rolls of thirty-five mm. microfilm, containing 3,286 separate exposures. These films are photographic copies of volumes of the Swarthmore and A. R. Barclay MSS. in the Friends Library in London, which contain records of the activities of George Fox and his contemporaries, and are the primary documentary sources for early Quaker history. The copies were made with the consent and assistance of John L. Nickalls, Librarian at Friends House, who shared with us in America the desire to preserve copies of these manuscripts in case the priceless originals should be destroyed in the war. The expense of the undertaking, which amounted to £12.10.0 per thousand exposures, was borne by Haverford, and the films are now safely on the campus. The problem of preserving them properly and of making them available for the use of scholars now presents itself. A humidifying cabinet, and a reading machine or projector, are indispensable, and it would be wise to secure a positive film print for ordinary use, in order that the original negative film might be preserved from scratching or tearing. These will have to wait on a special appropriation or gift, however, for the regular fund for the purchase of Quaker materials has already been drawn upon for this most unusual but worthwhile expenditure. It may be expected that our own microfilm library will increase more rapidly in the future, and that through it we may secure copies of rare Quaker books and unique manuscripts which would otherwise be wholly unattainable.

With the new stack wing of the Library under construction, it is important to consider the place of the Quaker Collection in the eventual Library plan. The manuscript vault in Roberts Hall is full to overflowing, and the Quaker treasures in the Library are not adequately arranged, either for study, for display, or for simple protection. The books and manuscripts should be brought together for greater efficiency, and should be placed in a section of the Library especially designed for the united Quaker Collection. The old stack wing might be made into such a Quaker Treasure Room, if funds were available to remodel and equip it. The time is ripe for Haverford to establish its splendid collection of Quakeriana in the setting which it has so long deserved.

THOMAS E. DRAKE
Curator

HAVERFORD COLLEGE
HAVERFORD, PA.
June 8, 1940

The report of the Infirmary for the year 1939-1940 is as follows:
The report of house patients is as follows:

Patients admitted.....	131
Total time (days).....	564

Diseases are classified as follows:

Grippe and respiratory.....	68
Intestinal.....	25
Joint conditions.....	9
External Infections.....	7
Miscellaneous.....	22

Total number of visits of dispensary patients:

Medical.....	1,803
Surgical.....	1,616

Conditions are classified as follows:

Upper respiratory.....	529
Fractures.....	9
Sutures.....	6
General.....	686

H. W. TAYLOR, M.D.

PUBLICATIONS OF THE FACULTY

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SUMMARY OF THE ACCOUNT OF
 J. HENRY SCATTERGOOD, Treasurer of
 THE CORPORATION OF HAVERFORD COLLEGE
 For the Year Ending Eighth Month 31, 1940

RECEIPTS

Income from Funds for General Purposes

General Endowment Fund.....	\$ 3,854.36
John Farnum Memorial Fund.....	1,297.32
John M. Whitall Fund.....	422.81
David Scull Fund.....	1,780.51
Edward L. Scull Fund.....	451.59
Wistar Morris Memorial Fund.....	204.42
Israel Franklin Whitall Fund.....	428.45
Jacob P. Jones Endowment Fund.....	51,713.55
John Farnum Brown Fund.....	10,963.60
Ellen Waln Fund.....	441.77
Clementine Cope Endowment Fund.....	854.11
Nathan Branson Hill Fund.....	167.23
Joseph E. Gillingham Fund.....	1,684.67
Henry Norris Fund.....	233.90
Elizabeth H. Farnum Fund.....	461.93
James R. Magee Fund.....	1,754.54
Albert K. Smiley Fund.....	59.61
Hinchman Astronomical Fund.....	1,570.25
W. D. & E. M. L. Scull Fund.....	6,936.61
Albin Garrett Memorial Fund.....	1,063.82
Arnold Chase Scattergood Memorial Fund.....	968.87
Francis B. Gummere Memorial Fund.....	4,989.83
Isaac Sharpless Memorial Fund.....	8,691.75
General Education Board Fund.....	5,009.99
Centenary Fund.....	10.03
William Penn Foundation.....	4,055.92
Walter Carroll Brinton Memorial Fund.....	561.33
Corporation Fund.....	3,179.41
Elizabeth J. Shortridge Fund.....	397.38
Howard Comfort Memorial Fund.....	199.77
Emma Ridgway Comly Fund.....	1,986.38
Ellen W. Longstreth Fund.....	4,414.34
Albert L. Baily Fund.....	198.69
Elizabeth B. Wistar Warner Fund.....	196.70
T. Allen Hilles Bequest.....	11,156.91
Leonard L. Greif and Roger L. Greif Fund.....	39.74
Edward M. Wistar Fund.....	99.34
	<hr/>
	132,501.43

Income from Fund for Thomas Wistar Brown Graduate School

Moses Brown Fund.....	13,815.91
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Income from Funds for Morris Infirmary

Infirmary Endowment Fund.....	383.60
John W. Pinkham Fund.....	201.05

Income from Fund for Haverford Union

Haverford Union Fund.....	74.66
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Forward.....	\$146,976.65
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Forward.....	\$146,976.65
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Income from Funds for Scholarships

Thomas P. Cope Fund.....	208.93
Edward Yarnall Fund.....	241.18
Isaiah V. Williamson Fund.....	787.50
Richard T. Jones Scholarship Fund.....	200.92
Mary M. Johnson Scholarship Fund.....	278.70
Sarah Marshall Scholarship Fund.....	314.71
Clementine Cope Fellowship Fund.....	907.84
Isaac Thorne Johnson Scholarship Fund.....	310.07
Caspar Wistar Memorial Scholarship Fund.....	117.27
J. Kennedy Moorhouse Scholarship Fund.....	204.88
Louis Jaquette Palmer Scholarship Fund.....	198.69
Paul W. Newhall Memorial Scholarship Fund...	200.50
Robert Martin Zuckert Memorial Scholarship Fund.....	380.82
Samuel E. Hilles Scholarship Fund.....	199.38
Class of 1913 Scholarship Fund.....	119.21
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	4,670.60

Income from Funds for Library

Alumni Library Fund.....	692.83
Mary Farnum Brown Library Fund.....	2,571.26
William H. Jenks Library Fund.....	198.69
Mary Wistar Brown Williams Library Fund....	806.94
Anna Yarnall Fund.....	6,762.23
Francis B. Gummere Library Fund.....	25.25
Edmund Morris Ferguson, Jr. Memorial Fund..	39.83
Class of 1888 Library Fund.....	226.84
Class of 1918 Library Fund.....	49.81
	<hr/>
	11,379.68

Income from Funds for Old Style Pensions

President Sharpless Fund.....	1,638.66
William P. Henszey Fund.....	1,460.70
Jacob P. Jones Benefit Fund.....	2,706.68
Pliny Earle Chase Memorial Fund.....	130.03
Haverford College Pension Fund.....	4,452.23
	<hr/>
	10,388.30

Income from Funds for Special Purposes

Thomas Shipley Fund.....	208.54
Elliston P. Morris Fund.....	44.77
John B. Garrett Reading Prize Fund.....	49.59
Special Endowment Fund.....	366.66
Scholarship Improvement Prize Fund.....	91.27
Elizabeth P. Smith Fund.....	40.81
S. P. Lippincott History Prize Fund.....	101.21
Francis Stokes Fund.....	203.47
George Peirce Prize Fund.....	78.02
Lyman Beecher Hall Prize Fund.....	85.63
Newton Prize Fund.....	55.54
Edward B. Conklin Athletic Fund.....	95.37
Arboretum Fund.....	182.31
William Ellis Scull Prize Fund.....	79.48
Paul D. I. Maier Fund.....	39.74
Strawbridge Observatory Maintenance Fund....	152.57
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	1,874.98

Income from the Funds for the College.....	175,290.21
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Income from Special Trust (Subject to Annuity at present)

Augustus Taber Murray Research Scholarship Fund.....	960.72
Total Income from the Funds	\$176,250.93

Forward.....	\$176,250.93
<i>Income from College Sources</i>	
Tuition—cash.....	116,860.10
Scholarships Donated.....	635.00
Scholarships from Funds.....	14,020.00
	<u>131,515.10</u>
Board—cash.....	64,123.87
Board—Scholarships Donated....	250.00
Board—Scholarships from Funds.	1,750.00
	<u>66,123.87</u>
Room Rents—cash.....	31,394.16
Room Rent for 1940-41 (in advance).....	4,335.00
Re-examination fees.....	543.25
Miscellaneous fees.....	666.22
Student Activities fees.....	3,100.00
Board of Professors.....	1,826.93
Rentals.....	12,152.19
Infirmary.....	603.52
Library.....	452.66
Biological Laboratory.....	1,316.97
Chemical Laboratory.....	2,103.47
Physics Laboratory.....	1,051.65
Engineering Laboratory.....	1,250.65
Music Department.....	103.50
Observatory.....	125.00
Mathematics Department.....	45.00
Stationery.....	82.12
	<u>258,791.26</u>
<i>Donations Other than for Funds</i>	
For Class of 1902 Latin Prize.....	10.00
For Books—Matzke Royalties.....	38.75
For Quakeriana Books.....	100.00
For German Books from Janssen Foundation.....	300.00
For Music and Art from Carnegie Corporation.....	8,000.00
Radio Club—Interest added.....	60.96
For New England Scholarship.....	300.00
For New York Scholarship.....	75.00
For Other Scholarships.....	460.00
For Community Chest used for Scholarship.....	250.00
For Campus Club.....	545.50
For Care of Cope Field.....	60.00
For Beth Shemesh Exploration Fund.....	853.85
For General Expenses.....	800.00
For Chemical Laboratory Improvements.....	30.00
For Haverford College Service Project.....	127.26
For Student Loan Fund.....	3,200.00
For Purposes not yet designated.....	30,078.00
For Addition to Library Building.....	106,271.00
	<u>151,560.32</u>
<i>Additions to Funds</i>	
James R. Magee Fund—Additional from Executor	100.00
Centenary Fund—Donated.....	15.00
Moses Brown Fund—Income capitalized.....	1,381.59
Isaac Thorne Johnson Scholarship Fund—Income capitalized.....	109.80
Robert Martin Zuckert Memorial Scholarship Fund—Donated.....	2,000.00
Mary Farnum Brown Library Fund—Income transferred.....	450.65
Class of 1888 Library Fund—Donated.....	500.00
George Peirce Prize Fund—Income transferred..	53.02
	<u>4,610.06</u>
Forward.....	\$591,212.57

<i>Forward</i>	\$591,212.57
<i>Transferred from Centenary Fund to Corporation for Deficit</i>	15.00
<i>Proceeds from Skating Pond</i>	1,418.25
<i>Insurance collected on fire of barn #9 College Lane</i>	840.00
<i>Net Return on Special Conferences at College</i>	444.95
<i>Prepaid Insurance Cancelled</i>	19.17

*Investments Realized**Consolidated Investments Account*

Bonds—		
Government.....	\$	52.88
Industrial.....		144.70
Public Utility.....		107,173.07
Railroad.....		14,805.26
Equipment Trusts.....		5,116.75
Miscellaneous.....		852.15
		<u>128,144.81</u>
Preferred Stocks—		
Industrial.....		30,750.00
Public Utility.....		11,022.09
Miscellaneous.....		5,000.00
		<u>46,772.09</u>
Common Stocks—		
Industrial.....		6,507.69
Railroad.....		49.43
Miscellaneous.....		1.00
		<u>6,558.12</u>
Mortgages—		
Received on a/c.....		18,660.00
To Real Estate—3 foreclosures.		16,680.00
		<u>35,340.00</u>
Real Estate—		
Miscellaneous credits to Principal.....		1,446.93
Sold 3 properties.....		18,216.15
		<u>19,663.08</u>
Miscellaneous—Received on advance for house on campus.....		<u>657.39</u>
		<u>237,135.49</u>
<i>John Farnum Memorial Fund</i>		111.85
<i>Nathan Branson Hill Fund</i>		
(First National Bank and Trust Co. of Minneapolis, Minn. Trustee) Entered short		
Amortization.....	\$	14.77
<i>Elizabeth H. Farnum Fund</i>		
(Provident Trust Co., Philadelphia, Pa. Trustee) Entered short		
Investments realized.....	\$	2,168.55
<i>Ellen W. Longstreth Fund—Mary Pearsall et al.</i>		
Agency a/c.....		1,162.03
<i>Augustus Taber Murray Fund</i>		3,000.00
<i>Current Funds Invested</i>		41,032.45
<i>Donations a/c, donated stock sold</i>		55,000.00
		<u>337,441.82</u>
<i>Money borrowed temporarily</i>		28,300.00
<i>Balances Ninth Month 1, 1939</i>		
In Treasurer's Account.....		20,011.61
In President's Account.....		17,875.00
		<u>37,886.61</u>
		<u>\$997,578.37</u>

EXPENDITURES

1939-1940

Expenses of Running the College

Salaries—Instruction.....	\$187,250.33	
Salaries—Library Staff.....	10,994.64	198,244.97
Pension Contributions.....		6,358.37
Wages—Administration and General.....	15,303.86	
Wages—Power Plant.....	6,159.49	
Wages—Residence Halls.....	7,611.09	
Wages—Dining Room and Kitchen	14,343.89	43,418.33
Provisions.....		35,929.52
Family Expense and Furniture.....		5,715.62
Educational Miscellaneous.....		3,204.35
Fuel and Light (in addition to \$4,660.43 paid in advance).....		12,433.26
Water.....		2,182.89
Lawn and Garden.....		8,870.97
Student Activities.....		2,873.93
Infirmary.....		2,863.81
Library.....		2,221.52
Biological Laboratory.....		991.70
Chemical Laboratory.....		2,191.28
Physics Laboratory.....		507.23
Engineering Laboratory.....		1,278.51
Music Department.....		86.00
Observatory.....		108.40
Mathematics Department.....		4.95
Gymnasium and Athletics.....		10,986.75
Printing and Advertising.....		3,037.64
Entertainment Expenses.....		654.11
Repairs and Improvements.....		22,753.35
Interest.....		5,110.11
Taxes.....		1,834.64
Insurance (in addition to \$2,044.45 paid in advance).....		2,886.62
Treasurer's and Secretary's Expenses.....	3,427.08	
Auditing Expense.....	500.00	
Appropriation for Haverford Meeting.....	100.00	4,027.08
Miscellaneous Appropriations charged to Moses Brown Fund.....		550.00
Rent of Graduate House—Moses Brown Fund.....	2,400.00	
Rent—W. D. and E. M. L. Scull Fund.....	320.00	2,720.00
Regular Expenses of Running the College....		384,045.91
Add:—		
Interest on Stork Art Fund.....		1,538.00
Forward.....		\$385,583.91

Forward.....	\$385,583.91
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*Expenditures from Income of Funds for Scholarships
and Fellowships*

General Endowment Fund.....	2,175.00
Jacob P. Jones Endowment Fund.....	7,800.00
Joseph E. Gillingham Fund.....	800.00
Moses Brown Fund—	
at Pendle Hill.....	350.00
at Haverford.....	2,275.00
	<hr/>
Thomas P. Cope Fund.....	200.00
Richard T. Jones Scholarship Fund.....	200.00
Mary M. Johnson Scholarship Fund.....	425.00
Sarah Marshall Scholarship Fund.....	400.00
Clementine Cope Fellowship Fund—Seymour S. Rosen at Harvard.....	700.00
Caspar Wistar Memorial Fund.....	300.00
J. Kennedy Moorhouse Scholarship Fund.....	250.00
Louis Jaquette Palmer Scholarship Fund.....	225.00
Robert Martin Zuckert Memorial Scholarship Fund.....	350.00
Samuel E. Hilles Scholarship Fund.....	250.00
Class of 1913 Scholarship Fund.....	120.00
	<hr/>
	16,820.00

Expenditures from Income of Special Trust

Augustus Taber Murray Research Scholarship Fund—Annuity	980.00
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Expenditures from Income of Library Funds

W. D. and E. M. L. Scull Fund—Books.....	472.25
Ellen W. Longstreth Fund—Quaker Books....	249.93
Mary Farnum Brown Library Fund—	
Books—General.....	1,723.88
Books—Christian Knowledge.....	402.73
	<hr/>
William H. Jenks Library Fund—Books.....	199.98
Mary Wistar Brown Williams Library Fund—	
Books.....	738.43
Anna Yarnall Fund—Books.....	1,999.77
F. B. Gummere Library Fund—Books.....	13.71
Edmund Morris Ferguson, Jr. Memorial Fund—	
Books.....	9.13
Class of 1888 Library Fund—Books.....	212.50
Class of 1918 Library Fund—Books.....	50.00
	<hr/>
	6,072.31

*Expenditures from Income of Funds for Special Pur-
poses*

T. Allen Hilles Bequest—Equipment.....	276.97
Thomas Shipley Fund—Lectures.....	293.25
Special Endowment Fund—	
Friends' Council on Education.....	25.00
Religious Education Committee.....	200.00
	<hr/>
Forward.....	795.22
	<hr/>
	409,456.22

Forward	\$795.22	\$409,456.22
Scholarship Improvement Prize Fund—Prizes...	95.00	
Elizabeth P. Smith Fund—Prize.....	35.00	
S. P. Lippincott History Prize Fund—Prize.....	100.00	
Francis Stokes Fund—Trees etc. on Campus.....	577.51	
George Peirce Prize Fund—Prize.....	25.00	
Lyman Beecher Hall Prize Fund—Prize.....	100.00	
Newton Prize Fund—Books.....	89.88	
Arboretum Fund—Trees etc. on Campus.....	577.51	
William Ellis Scull Prize Fund—Prize.....	50.00	
Paul D I. Maier Fund—Class '96 Prize.....	20.00	
		2,465.12
<i>Old Style Pensions</i>		23,727.00
<i>Paid out of Donations</i>		
Class of 1902 Latin Prize.....	10.00	
Class of 1910 Poetry Prize.....	25.00	
For Books from Matzke Royalties.....	22.22	
For Books from Gift of Carnegie Corporation.....	41.62	
For Quakeriana Books.....	100.00	
For German Books—Henry Janssen Foundation.	80.84	
For Music and Art—Gift of Carnegie Corporation	768.66	
For New England Scholarship.....	300.00	
For New York Scholarship.....	75.00	
For Other Scholarships.....	260.00	
For Scholarship from Community Chest.....	250.00	
For Work of Campus Club.....	545.50	
For Care of Cope Field.....	60.00	
For Museum Cases, etc. from Gift of Class of 1915	68.60	
From Beth Shemesh Exploration Fund.....	703.85	
Haverford College Service Project.....	127.26	
Transferred to Students' Loan Fund.....	3,200.00	6,638.55
<i>Spent to date for Addition to Library</i>		
Building (All from Donations).....	22,710.26	
Cost of Garage for #9 College Lane.....	471.65	
#5 College Circle (Barrett House) Alterations completed.....	197.00	
#1 College Circle—Alterations for President Morley's Residence.....	4,689.98	
Proceeds from Skating Pond turned over to Athletic Association.....	1,418.25	
Coal for 1940-1941 bought in advance.....	6,110.40	
Transferred from Centenary Fund to Corporation for Deficit.....	15.00	
Appropriated toward Expenses in Accident Case.....	1,500.00	
<i>Investments Made</i>		
<i>Consolidated Investments Account</i>		
Bonds—		
Public Utility.....	79,829.86	
Miscellaneous.....	199.00	80,028.86
Forward	80,028.86	\$479,399.43

Forward.....	80,028.86	\$479,399.43
Preferred Stocks—		
Industrial.....	53,576.80	
Public Utility.....	<u>33,592.96</u>	87,169.76
Common Stocks—		
Banks.....	13,605.52	
Industrial.....	64,868.79	
Miscellaneous.....	<u>8,480.98</u>	86,955.29
Mortgages.....		15,620.00
Real Estate—		
Three Mortgages foreclosed.....	16,500.00	
Costs of foreclosures.	180.00	
Other charges to Principal.....	<u>2,092.38</u>	18,772.38
		288,546.29
<i>Elizabeth H. Farnum Fund, Provident Trust Co. Trustee, Entered short</i>		
Investments Made	\$2,244.84	
<i>Augustus Taber Murray Fund.....</i>		2,978.16
<i>Current Funds Invested.....</i>		41,032.45
<i>Donations Account—Donations in Capital Stock for Undesignated Purpose and for Library Addition..</i>		<u>55,000.00</u>
		387,556.90
<i>Temporary Loans Paid Off in Full.....</i>		28,300.00
(No money owed on loans at end of year)		
<i>Income Transferred to Principal</i>		
Moses Brown Fund.....		1,381.59
Isaac Thorne Johnson Scholarship Fund.....		109.80
Mary Farnum Brown Library Fund.....		450.65
George Peirce Prize Fund.....		<u>53.02</u>
		1,995.06
<i>Balances Eighth Month 31, 1940</i>		
In Treasurer's Account.....		81,978.47
In President's Account.....		<u>18,348.51</u>
		100,326.98
		<u><u>\$997,578.37</u></u>

FINANCIAL STATEMENT
FOR THE YEAR ENDING EIGHTH MONTH 31, 1940

<i>Expenses of Running the College</i>			
as per foregoing statement.....	\$384,045.91		
Coal for 1939-40, bought in ad- vance.....	4,660.43		
Insurance for 1939-40, bought in advance.....	2,044.45	\$390,750.79	
 Add:—			
Old Style Pensions.....	23,727.00		
Deficiency of Income to meet in- terest on Stork Art Gift Fund overdraft.....	1,538.00		
Third one-fifth of cost of 4,000 Volt Electric System.....	1,114.38		
Appropriated toward expenses of personal injury case.....	1,500.00	27,879.38	\$418,630.17
 Net Cash Receipts at College.....	258,791.26		
Less Room Rents for 1940-1941.....	4,335.00		
 Add Room Rents for 1939-1940 paid last year.....	254,456.26		
 Gain on garage rebuilt after fire....	258,301.26		
Gain on Conference held at College.	368.35		
	444.95		
 Less Scholarships from Funds.....	259,114.56		
Less Scholarships Donated.....	15,770.00	16,655.00	242,459.56
 Income from Funds Applicable to Budget.....	162,924.61		
(After capitalizing and special ex- penses)			
Donations for Scholarships.....	885.00		
Donations for General Expenses....	815.00		
Carnegie Corporation of New York Donation applied to Salaries.....	1,764.00	166,388.61	408,848.17
 Deficit for the Year.....			\$ 9,782.00

STATEMENT OF DEBT OF THE CORPORATION

EIGHTH MONTH 31, 1940

Debt of the Corporation Ninth Month 1, 1939..... \$115,310.48
 Increased during the year:—

Operating Loss for the year.....	\$ 9,782.00
No. 1 College Circle—Alterations for President's house.....	4,689.98
No. 5 College Circle—additional for alterations.....	<u>197.00</u>
	\$14,668.98

Decreased:—

By donation for Improvements to Chemical Laboratory.....	<u>30.00</u>	14,638.98
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Debt of the Corporation Eighth Month 31, 1940

For Accumulated Deficits.....	75,926.09
For Professors' Houses—	

No. 3 College Circle.....	8,000.00
Sharpless House.....	14,412.29
Babbitt House.....	8,203.41
No. 1 College Circle.....	14,689.98
No. 5 College Circle (formerly Barrett House).....	<u>8,717.69</u>
	54,023.37

Debt Eighth Month 31, 1940..... \$129,949.46

NOTE:

The Investment of the Funds in College Lane Real Estate remains the same,
 being \$201,500.00 in Consolidated Investments Account.

REPORT OF FUNDS

FUND ESTAB- LISHED	BOOK VALUE 9/1/39	PRINCIPAL 1939-1940		BOOK VALUE 8/31/40	BALANCE 9/1/39	NET INCOME	Salaries and General Expenses	INCOME			
		Increased	Decreased					Scholar- ships	Books, etc.	Special Purposes	
Funds for General Purposes											
General Endowment Fund.....	1847	96,995.14		1,549.25	95,445.89	\$ 3,854.36	\$ 1,679.36	\$ 2,175.00			
John Farnum Memorial Fund.....	1878	41,447.71		928.15	40,519.56	1,297.32	1,297.32				
John M. Whittall Fund.....	1880	10,640.09		169.95	10,470.14	422.81	422.81				
David Scull Fund.....	1885	44,806.59		715.67	44,090.92	1,780.51	1,780.51				
Edward L. Scull Fund.....	1885	11,364.35		181.52	11,182.83	451.59	451.59				
Wistar Morris Memorial Fund.....	1892	5,144.24		82.17	5,062.07	204.42	204.42				
Israel Franklin Whittall Fund.....	1896	10,781.94		172.21	10,609.73	428.45	428.45				
Jacob P. Jones Endowment Fund.....	1897	1,301,375.34		20,786.10	1,280,589.24	51,713.55	43,913.55	7,800.00			
John Farnum Brown Memorial Fund.....	1900	275,899.76		4,406.78	271,492.98	10,963.60	10,963.60				
Ellen Waln Fund.....	1900	11,117.10		177.57	10,939.53	441.77	441.77				
Clementine Cope Endowment Fund.....	1904	21,493.67		343.31	21,150.36	854.11	854.11				
Nathan Branson Hill Fund (First National Bank Trust Co., Minneapolis, Minn. Trustee).....	1904	5,119.29			5,119.29	167.23	167.23				
Joseph E. Gillingham Fund.....	1907	42,394.72		677.15	41,717.57	1,684.67	884.67	800.00			
Henry Norris Fund.....	1907	5,886.01		94.01	5,792.00	233.90	233.90				
Elizabeth H. Farnum Fund (Provident Trust Co., Philadelphia, Pa. Trustee).....	1914	10,220.00		584.47	9,635.53	461.93	461.93				
James R. Magee Fund.....	1915	44,069.88	100.00	705.23	43,464.65	1,754.54	1,754.54				
Albert K. Smiley Fund.....	1915	1,500.00		23.96	1,476.04	59.61	59.61				
Hinchman Astronomical Fund.....	1917	39,515.48		631.16	38,884.32	1,570.25	1,570.25				
W. D. and E. M. L. Scull Fund.....	1918	174,560.31		2,788.15	171,772.16	6,936.61	6,144.36	472.25	Rent 320.00		
Albin Garrett Memorial Fund.....	1919	26,771.00		427.60	26,343.40	1,063.82	1,063.82				
Arnold Chase Scattergood Memorial Fund.....	1919	24,381.59		389.43	23,992.16	968.87	968.87				
Francis B. Gummere Memorial Fund.....	1920	125,569.51		2,005.65	123,563.86	4,989.83	4,989.83				
Isaac Sharpless Memorial Fund.....	1920	218,728.43		3,493.62	215,234.81	8,691.75	8,691.75				
Walter Carroll Brinton Memorial Fund.....	1920	14,125.79		225.62	13,900.17	5,009.99	5,009.99				
General Educational Board Fund.....	1922	126,076.83		2,013.75	124,063.08	10.03	10.03				
Centenary Fund.....	1926	240.00	30.00	34.03	235.97	4,055.92	4,055.92				
William Penn Foundation.....	1926	102,067.43		1,630.26	100,437.17	561.33	561.33				
Corporation Fund.....	1928	80,010.00		1,277.95	78,732.05	3,179.41	3,179.41				
Elizabeth J. Shortridge Fund.....	1939	10,000.00		159.72	9,840.28	397.38	397.38				
Howard Comfort Memorial Fund.....	1934	5,027.31		80.30	4,947.01	199.77	199.77				
Emma Ridgway Comify Fund.....	1935	49,987.50		798.42	49,189.08	1,986.38	1,986.38				
Ellen W. Longstreth Fund.....	1935	110,650.82	2,138.18	3,400.67	109,388.33	4,514.34	4,164.41	349.93			
Albert L. Baily Fund.....	1936	5,000.00		79.86	4,920.14	198.69	198.69				
Elizabeth B. Wistar Warner.....	1937	4,950.00		79.06	4,870.94	196.70	196.70				
T. Allen Hilles Bequest.....	1937	280,764.31		4,484.48	276,279.83	11,156.91	10,879.94	276.97	Equipment		
Leonard L. Greif, Jr. and Roger L. Greif Fund.....	1937	1,000.00		15.97	984.03	39.74	39.74				
Edward M. Wistar Fund.....	1938	2,500.00		39.93	2,460.07	99.34	99.34				
		\$3,342,182.14			\$3,288,797.21						
Fund for T. Wistar Brown Graduate School											
Moses Brown Fund.....	1916		347,678.26	1,381.59	5,553.26	343,506.59	13,815.91	6,859.32	2,625.00	{ Rent 2,400.00 Appropriations 550.00 Capitalized 1,381.59	
Funds for Morris Infirmary											
Infirmary Endowment Fund.....	1911	9,653.44		154.19	9,499.25	383.60	383.60				
John W. Pinkham Fund.....	1911	5,059.50		80.81	4,978.69	201.05	201.05				
Fund for Haverford Union											
Haverford Union Fund.....	1920		1,878.82	30.01	1,848.81	74.66	74.66				
Funds for Scholarships											
Thomas P. Cope Fund.....	1842	5,257.82		83.98	5,173.84	81.87	208.93	200.00		90.80	
Edward Yarnall Fund.....	1860	6,069.23		96.94	5,972.29	584.46	241.18			343.28	
Isaiah V. Williamson Fund.....	1876	19,817.40		316.53	19,500.87	851.56	787.50			64.06	
Richard T. Jones Scholarship Fund.....	1885	5,056.25		80.76	4,975.49	25.63	200.92	200.00		24.71	
Mary M. Johnson Scholarship Fund.....	1897	7,013.61		112.02	6,901.59	88.22	278.70	425.00		58.08	
Forward.....		\$ 43,214.31	\$3,706,452.16		\$42,524.08	\$3,648,630.55	\$148,793.88	\$127,925.91	\$14,225.00	\$822.18	\$4,928.56

		PRINCIPAL 1939-1940													
		Book Value 9/1/39		Increased	Decreased	Book Value 8/31/40		Balance 9/1/39	Net Income	Salaries and General Expenses	Scholarships	Books, etc.	Special Purposes	Balance 8/1/39	
Forward.....		\$43,214.31	\$3,706,452.16			\$42,524.08	\$3,648,630.55		\$148,793.88	\$127,925.91	\$14,225.00	\$822.18	\$4,928.56		
Sarah Marshall Scholarship Fund.....	1897	7,919.76			126.50	7,793.26		58.69	314.71	400.00				26.60	
Clementine Cope Fellowship Fund.....	1899	22,845.86			364.90	22,480.96		526.32	907.84	700.00			Capitalized	734.16	
Isaac Thorne Johnson Scholarship Fund.....	1916	7,802.94		109.80	124.63	7,788.11		200.27	310.07				109.80		
Casper Wistar Memorial Fund.....	1920	2,951.21			47.14	2,904.07		54.62	117.27	300.00				128.11	
J. Kennedy Moorhouse Scholarship Fund.....	1926	5,155.85			82.35	5,073.50		127.17	204.88	250.00				82.05	
Louis Jaquette Palmer Scholarship Fund.....	1928	5,000.00			79.86	4,920.14		21.94	198.69	225.00				48.25	
Paul W. Newhall Memorial Scholarship Fund.....	1931	5,045.60			80.59	4,965.01		230.16	200.50					29.66	
Robert Martin Zuckert Memorial Scholarship Fund.....	1935	8,750.00		2,000.00	153.07	10,596.93		140.74	380.82	350.00				171.56	
Samuel E. Hilles Scholarship Fund.....	1935	5,017.31			80.14	4,937.17		41.33	199.38	250.00				9.29	
Class of 1913 Scholarship Fund.....	1937	3,000.00			47.92	2,952.08			119.21		120.00			.79	
Augustus Taber Murray Research Scholarship Fund.....	1939	21,483.75			123.75	21,360.00		490.00	960.72				Annuity	980.00	
		138,186.59					138,295.31							509.28	
Funds for the Library															
Alumni Library Fund.....	1863	17,435.06			278.38	17,156.58			692.83	692.83				Capitalized	
Mary Farnum Brown Library Fund.....	1892	64,857.02		450.65	1,035.92	64,271.75			2,577.26			2,126.61		450.65	
Wm. H. Jenks Library Fund.....	1910	5,000.00			79.86	4,920.14		113.17	198.69			199.98		114.46	
Mary Wistar Brown Williams Library Fund.....	1914	20,306.74			324.35	19,982.39		154.74	806.94			738.43		223.25	
Anna Yarnall Fund.....	1916	173,051.77			2,727.48	170,324.29			6,762.23	4,762.46		1,999.77			
F. B. Gummere Library Fund.....	1920	635.47			10.15	625.32			25.94	25.25		13.71		14.40	
Edmund Morris Ferguson, Jr. Memorial Fund.....	1920	1,002.34		500.00	16.01	986.33			5.44	39.83		9.13		25.26	
Class of 1888 Library Fund.....	1938	5,250.00			91.18	5,658.82			.05	226.84		212.50		14.29	
Class of 1918 Library Fund.....	1938	1,253.52			20.02	1,233.50			12.50	49.81		50.00		12.69	
		288,791.92					285,159.12								
Funds for Old Style Pensions															
President Sharpless Fund.....	1907	41,237.08			658.66	40,578.42			1,638.66	1,638.66					
Wm. P. Henszey Fund.....	1908	36,758.66			587.12	36,171.54			1,460.70	1,460.70					
Jacob P. Jones Benefit Fund.....	1909	68,113.78			1,087.94	67,025.84			2,706.68	2,706.68					
Pliny Earle Chase Memorial Fund.....	1909	3,272.24			52.27	3,219.97			130.03	130.03					
Haverford College Pension Fund.....	1910	112,040.73			1,789.56	110,251.17			4,452.23	4,452.23					
		261,422.49					257,246.94								
Funds for Special Purposes															
Thomas Shipley Fund.....	1904	5,248.00			83.82	5,164.18		753.22	208.54			Lectures	293.25	668.51	
Elliston P. Morris Fund.....	1906	1,126.75			18.00	1,108.75		95.96	44.77					140.73	
John B. Garrett Reading Prize Fund.....	1908	1,247.87			19.93	1,227.94		934.65	49.59					984.24	
Special Endowment Fund.....	1909	9,227.07			147.38	9,079.69			375.09	366.66			Friends Council on Educ.	25.00	
Scholarship Improvement Prize Fund.....	1913	2,296.88			36.69	2,260.19			61.71	91.27			Rel. Educ. Committee	200.00	516.75
Elizabeth P. Smith Fund.....	1915	1,027.00			16.40	1,010.60			687.46	40.81			Prizes	95.00	57.98
S. P. Lippincott History Prize Fund.....	1917	2,546.88			40.68	2,506.20			158.65	101.21			Prize	35.00	693.27
Francis Stokes Fund.....	1919	5,120.30			81.78	5,038.52			646.97	203.47			Prize	100.00	159.86
George Peirce Prize Fund.....	1919	1,963.26		53.02	31.36	1,984.92				78.02			Campus Club	577.51	272.93
Lyman Beecher Hall Prize Fund.....	1924	2,155.00			34.42	2,120.58			210.05	85.63			Prize	53.02	
Newton Prize Fund.....	1924	1,397.75			22.33	1,375.42			330.90	55.54			Prize	95.00	296.56
Edward B. Conklin Athletic Fund.....	1925	2,400.00			38.33	2,361.67				95.37			Prize	35.00	
Arboretum Fund.....	1928	4,587.75			73.28	4,514.47			720.09	182.31			Campus Club	577.51	324.89
Wm. Ellis Scull Prize Fund.....	1929	2,000.00			31.94	1,968.06			49.86	79.48			Prize	50.00	20.38
Paul D. I. Maier Fund.....	1936	1,000.00			15.97	984.03				39.74			Prizes	20.00	
Strawbridge Observatory Maintenance Fund.....	1937	3,839.54			61.33	3,778.21			165.52	152.57					318.09
		47,184.05					46,483.43								
Total of all the Funds		\$4,442,037.21	\$6,763.24	\$72,985.10			\$4,375,815.35			\$176,350.93	\$143,884.61	\$16,820.00	\$6,262.19	\$8,620.30	

HAVERFORD COLLEGE

Funds for Wistar Brown Graduate School	347,078.70	1,381.59	5,553.26	343,506.59
Funds for Morris Infirmary	14,712.94		235.00	14,477.94
Fund for Haverford Union	1,878.82		30.01	1,848.81
Funds for Scholarships	138,186.59	2,109.80	2,001.08	138,295.31
Funds for Library	288,791.92	950.65	4,583.45	285,159.12
Funds for Old Style Pensions	261,422.49		4,175.55	257,246.94
Funds for Special Purposes	47,184.05	53.02	753.64	46,433.43
Total of All Funds	\$4,442,037.21	\$ 6,763.24	\$72,985.10	\$4,375,815.35
SUMMARY AS TO CONSOLIDATED AND NON-CONSOLIDATED ACCOUNTS				
Consolidated Account	\$4,349,730.05	\$20,167.73	\$83,922.41	\$4,285,975.37
Non-Consolidated Accounts:—				
John Farnum Memorial Fund	41,447.71		928.15	40,519.56
Nathan Branson Hill Fund	5,119.29			5,119.29
(In care of First National Bank and Trust Co., Minneapolis, Minn. Trustee)				
Elizabeth Farnum Fund	10,220.00		584.47	9,635.53
(Provident Trust Co., Philadelphia, Pa., Trustee)				
{Ellen W. Longstreth Agency Account	2,024.31			2,024.31
{Mary Pearshall Agency Account	9,722.10			8,891.29
(Both of the above accounts are part of the E. W. Longstreth Fund in care of Girard Trust Co., Philadelphia, Pa. Agent)				
Augustus Taber Murray Research Scholarship Fund	976.15		1,806.96	
Anna Yarnall Fund—Agency Account in Care of Girard Trust Co. Agent.	21,483.75		123.75	21,360.00
	2,290.00			2,290.00
	\$4,442,037.21	\$21,143.88	\$87,365.74	\$4,375,815.35
The <i>Book Value</i> decreased \$66,221.86 as follows:—				
Loss on four parcels of real estate sold	\$ 9,589.19			
Loss on securities sold	66,199.07			
Loss on securities called	594.25			
Loss on securities matured	123.75			
Loss on Philadelphia Rapid Transit Underliers reorganized	9,682.45		86,188.71	
Centenary Fund—applied to deficit of Corporation			15.00	86,203.71
Less:—				
Donations to Funds				2,615.00
Income transferred to Principal				1,995.06
Gains on securities sold—Consel. a/c				12,159.25
Gains on securities called				1,775.00
Gains on securities called				1,437.54
Gains on two parcels real estate sold				15,371.79
				19,981.85

Consolidated Account	Non Consolidated Accounts	Total
<i>Bonds</i>		
Government.....	\$ 52,299.21	\$ 59,064.86
Municipal.....	5,466.88	15,974.38
Industrial.....	45,234.77	46,162.27
Public Utility.....	234,775.91	240,339.82
Railroad.....	1,031,943.74	1,049,224.65
Equipment Trust.....	9,876.91	9,876.91
Miscellaneous.....	84,592.00	84,592.00
	1,464,189.42	1,505,234.89
	41,045.47	34.38%
<i>Preferred Stocks</i>		
Industrial.....	75,794.04	75,794.04
Public Utility.....	212,795.54	213,498.54
Railroad.....	40,345.85	40,345.85
	328,935.43	703.00
		329,638.43
<i>Common Stocks</i>		
Banks and Insurance.....	240,665.17	
Industrial.....	296,687.05	
Public Utility.....	98,391.56	
Railroad.....	117,621.12	
Miscellaneous.....	9,538.98	
	762,903.88	20,997.32
	652,440.00	26,322.84
	668,647.72	
		762,903.88
		673,437.32
		694,970.56
		15,38
		15,88
<i>Mortgages.....</i>		
<i>Real Estate.....</i>		
<i>Miscellaneous</i>		
College Lane Houses.....	201,500.00	
Oakley House on Campus	7,438.61	
Perpetual Insurance.....	46,035.27	
		254,973.88
<i>Uninvested—due to Funds from Corporation at 4% Interest</i>	153,885.04	771.35
		\$89,839.98
		254,973.88
		154,656.39
		3.50
		<u>\$4,375,815.35</u>
		<u>100.00%</u>

Note: There is \$69,000 Public Utility Common Stock not included in the above figures, being temporary holding in C. Wharton Stork Art Gift Fund, which is not included in the Funds. This Fund also has an overdraft in Principal cash of \$45,800.

HAVERFORD COLLEGE

ROY A. WRIGHT & COMPANY
Certified Public Accountants
1530 Chestnut Street
Philadelphia, Pa.

Roy A. Wright, C.P.A.
George W. Mihok

Rittenhouse 3827

October 2, 1940

*Board of Managers,
The Corporation of Haverford College,
Haverford, Pennsylvania*

Dear Sirs:

We have completed an examination of the accounts of your Treasurer, J. Henry Scattergood, for the fiscal year ended August 31, 1940.

Cash balances were verified by direct correspondence with your depository. The securities held by the Provident Trust Company of Philadelphia were examined by us, while those held by the Girard Trust Company and the First National Bank & Trust Company, Minneapolis, Minnesota, were certified to us by them and found to be in accordance with the Treasurer's report.

In our opinion, the accompanying statements set forth the result of operation of The Corporation of Haverford College for the fiscal year ended August 31, 1940.

Very truly yours,
Roy A. WRIGHT
Certified Public Accountant

DONATIONS

DONATIONS FOR ADDITIONS TO FUNDS

<i>James R. Magee Fund</i>			
Additional from Executor.....	\$	100.00	
<i>Centenary Fund</i>			
Arthur Silver, '27.....		15.00	
<i>Robert Martin Zuckert Memorial Scholarship Fund</i>			
Harry M. Zuckert.....		2,000.00	
<i>Class of 1888 Library Fund</i>			
G. Brinton Roberts.....		500.00	\$ 2,615.00

DONATIONS FOR CURRENT PURPOSES

<i>For Prizes</i>			
Class of 1902, through Edward W. Evans, for Latin Prize.....	\$	10.00	
<i>For Books</i>			
From Matzke Royalties.....	\$	38.75	
Joshua L. Baily for Quakeriana.....		100.00	
Henry Janssen Foundation for German Books....		300.00	438.75
<i>For Music and Fine Arts</i>			
Carnegie Corporation of New York.....			8,000.00
<i>For Radio Club</i>			
Interest added.....			60.96
<i>For Scholarships</i>			
New England Alumni, through Garrett S. Hoag, Chairman.....		300.00	
New York Haverford Society, through Bernard Lester, President.....		75.00	
For Special Scholarship 1939-1940			
C. C. Morris.....		5.00	
Elias Ritts.....		15.00	
O. B. Rhoads.....		15.00	
J. Henry Scattergood.....		25.00	
Jonathan M. Steere.....		5.00	
Dr. S. Emlen Stokes.....		15.00	
Thomas Wistar.....		50.00	
L. Hollingsworth Wood.....		10.00	180.00
For Special Scholarship 1939-1940			
American Friends' Service Committee.....		80.00	
For Special Scholarship 1939-1940			
Community Chest of Haverford College.....		250.00	
For Special Scholarship for 1940-1941			
Robert E. Miller (Scholarship 1939-1940 turned back to College).....		200.00	1,085.00
<i>For Care of Cope Field</i>			
Through Alfred G. Scattergood, Treasurer.....			60.00
<i>For Beth Shemesh Exploration Fund</i>			
Dr. Elihu Grant.....			853.85
<i>For Chemical Laboratory Improvements</i>			
Dr. J. R. Watson.....			30.00
<i>For Haverford College Service Project</i>			
A Friend.....			127.26
<i>For Student Loan Fund</i>			
J. W. Charles, '04.....	\$	300.00	
A Friend.....		500.00	
A Friend.....		2,000.00	
Forward.....		2,800.00	\$10,665.82

Forward.....	2,800.00	\$10,665.82
Haverford Society of Maryland.....	100.00	
Isaac Cate Lycett, President		
Dr. H. S. Arthur.....	300.00	3,200.00
<i>For General Purposes</i>		
From a Friend of the College.....		800.00
<i>For Purposes not yet Designated</i>		
Morris E. Leeds.....		30,078.00
<i>For Campus Club</i>		
Mrs. E. Page Allinson.....	5.00	
Mr. and Mrs. Carl B. Allendoerfer.....	2.00	
Mr. William K. Alsop, Jr.....	1.00	
Mr. Howard A. Andrews.....	1.00	
Dr. and Mrs. James A. Babbitt.....	5.00	
Mrs. H. L. Balderston.....	1.00	
Mr. Wilfred Bancroft.....	5.00	
Mr. T. Ellis Barnes.....	5.00	
Mrs. Richard L. Barrows.....	2.00	
Mr. Daniel B. Boyer.....	2.00	
Mr. Samuel T. Brinton.....	2.00	
Mr. H. Tatnall Brown, Jr.....	2.00	
Mr. and Mrs. W. E. Cadbury, Jr.....	2.00	
Mr. and Mrs. F. F. Campbell.....	2.00	
Mr. and Mrs. W. B. Clement.....	2.00	
Mr. and Mrs. R. C. Cocks.....	2.00	
Mrs. Julia Cope Collins.....	2.50	
Mr. Aubrey C. Dickson, Jr.....	1.00	
Mr. Harry A. Dominovich.....	1.00	
Mr. H. S. Drinker, Jr.....	5.00	
Mr. and Mrs. E. R. Dunn.....	2.00	
Mrs. Sydney B. Dunn.....	15.00	
Mr. Charles Evans.....	5.00	
Mr. Edward W. Evans.....	2.00	
Mr. Francis C. Evans.....	1.00	
Mr. William T. Ferris.....	5.00	
Mr. John S. Garrigues.....	2.00	
Mr. and Mrs. H. V. Gummere.....	2.00	
Mr. and Mrs. John F. Gummere.....	2.00	
Mr. Richard M. Gummere.....	1.00	
Mr. Marshall C. Guthrie, Jr.....	4.00	
Mr. and Mrs. A. W. Haddleton.....	2.00	
Mr. and Mrs. T. B. Hetzel.....	5.00	
Mr. and Mrs. Clayton W. Holmes.....	1.00	
Mr. Lewis Jones.....	5.00	
Mrs. Wilmot R. Jones.....	2.00	
Mr. John A. Kelly.....	3.00	
Mrs. Rayner W. Kelsey.....	2.00	
Mr. C. Prescott Knight, Jr.....	1.00	
Mr. Morris E. Leeds.....	25.00	
Mr. M. A. Linton, Jr.....	2.00	
Mr. John C. Lober.....	5.00	
Mr. and Mrs. D. P. Lockwood.....	2.00	
Mr. and Mrs. W. B. Meldrum.....	2.00	
Mr. Robert E. Miller.....	2.00	
Mr. Walter L. Moore.....	1.00	
Mr. C. C. Morris.....	10.00	
Mr. Marriott C. Morris.....	5.00	
Mr. William P. Morris.....	5.00	
Mr. and Mrs. Frederic Palmer.....	2.00	
Dr. Thomas Parke.....	2.00	
 Forward.....	 \$ 175.50	 \$44,743.82

Forward.....	\$ 44,743.82
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For Campus Club—Continued

Forward.....	\$ 175.50
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Mr. and Mrs. H. W. Pfund.....	2.00
Mr. and Mrs. L. A. Post.....	2.00
Mr. and Mrs. G. R. Rebmann.....	10.00
Mr. and Mrs. L. W. Reid.....	2.00
Mr. Charles S. Ristine	5.00
Mr. and Mrs. L. H. Rittenhouse.....	2.00
Mrs. A. B. Robinson.....	5.00
Miss Lilian A. Ross.....	1.00
Mr. A. G. Scattergood.....	5.00
Mr. J. Henry Scattergood.....	5.00
Dr. Frederic C. Sharpless.....	5.00
Mr. Laird H. Simons, Jr.....	70.00
Mr. and Mrs. A. K. Smiley.....	10.00
Mr. A. K. Smiley, Jr.....	1.00
Mr. Daniel Smiley.....	20.00
Mr. J. M. Steere.....	10.00
Mr. and Mrs. R. M. Sutton.....	2.00
Mr. A. G. Tatnall.....	2.00
Mr. Francis R. Taylor.....	1.00
Mrs. E. O. Warner.....	1.00
Mrs. Henry S. Williams.....	2.00
Mr. A. J. Williamson.....	2.00
Mr. and Mrs. William M. Wills.....	2.00
Mr. and Mrs. A. H. Wilson.....	5.00
Mr. Edward M. Wistar.....	5.00
Mr. Thomas Wistar.....	1.00
Mr. Robert B. Wolf.....	2.00
Mr. W. F. Wolff.....	1.00
Mr. and Mrs. Edward Woolman.....	10.00
Mr. Gifford K. Wright.....	5.00
Mr. W. S. Yarnall.....	1.00
Sale of plants and trees.....	173.00
	545.50

For Addition to Library Building

James Andrews.....	\$ 50.00
Anonymous.....	2,000.00
Anonymous.....	100.00
William A. Battey.....	75.00
William B. Bell.....	500.00
George T. Butler.....	300.00
Class of 1890 (thru Henry P. Baily, on their Fiftieth Anniversary).....	578.00
Henry P. Baily	
George T. Butler	
Thomas A. Coffin	
Charles T. Cottrell	
Percy S. Darlington	
Guy H. Davies	
Robert E. Fox	
Edwin J. Haley	
Dilworth P. Hibberd	
Thomas S. Janney	
Lewis Jones	
Edward R. Longstreth	
James G. Shaw	
Jonathan M. Steere	
Robert T. Tatnall	

Forward.....	\$ 3,603.00	\$45,289.32
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Forward.....	\$45,289.32
<i>For Addition to Library Building—Continued</i>	
Forward.....	\$3,603.00
Class of 1905 (thru Dr. Arthur H. Hopkins)	
Charles A. Alexander.....	25.00
Paul Jones.....	300.00
Joseph H. Morris.....	10.00
E. C. Murray.....	5.00
F. W. Ohl.....	10.00
E. Converse Peirce.....	25.00
Howard P. Thomas.....	10.00
	<u>385.00</u>
Class of 1910 (thru Edward W. David)	
Earlham Bryant.....	10.00
Earl S. Cadbury.....	1.00
Edward W. David.....	100.00
Joseph C. Devlin.....	10.00
Ralph R. Else.....	10.00
Harold A. Furness.....	5.00
John D. Kenderdine.....	10.00
Charles S. Leininger.....	25.00
Christopher Morley.....	100.00
Reginald H. Morris.....	25.00
Walter Palmer.....	100.00
Charles S. Ristine.....	100.00
Horace R. Townsend.....	10.00
Lloyd G. Williams.....	20.00
	<u>526.00</u>
Class of 1914 (Thru Thomas W. Elkinton)	
Walter G. Bowerman.....	25.00
Carroll D. Champlin.....	5.00
George V. Downing.....	10.00
C. Willis Edgerton.....	10.00
A. W. Elkinton.....	10.00
Thomas W. Elkinton.....	350.00
Joseph C. Fergusson III.....	5.00
John K. Garrigues.....	25.00
Edward M. Jones.....	5.00
Robert A. Locke.....	100.00
Rowland McKinley.....	10.00
Harold S. Miller.....	2.00
Rowland S. Phillips.....	5.00
Richard Schoepperle.....	5.00
Robert C. Smith.....	5.00
Francis C. Stokes.....	10.00
S. Emlen Stokes.....	350.00
John A. Stout.....	5.00
Herbert W. Taylor.....	10.00
Charles K. Trueblood.....	5.00
D. Waples.....	10.00
W. H. B. Whitall.....	100.00
	<u>1,062.00</u>
Dr. W. W. Comfort.....	500.00
Henry S. Drinker.....	100.00
John T. Emlen.....	30.00
Henry C. Evans.....	500.00
R. M. Gummere.....	50.00
Mr. and Mrs. John S. C. Harvey.....	2,000.00
John S. C. Harvey, Jr.....	500.00
C. Russell Hinchman.....	2,000.00
Walter S. Hinchman.....	50.00
Charles E. Hires, Jr.....	2,500.00
Dr. Arthur H. Hopkins.....	50.00
Forward.....	\$13,856.00
	<u>\$45,289.32</u>

Forward.....	\$45,289.32
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For Addition to Library Building—Continued

Forward.....	\$13,856.00
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Kaufman R. Katz.....	100.00
George A. Kerbaugh.....	50.00
Morris E. Leeds.....	10,000.00
Morris E. Leeds (dividend on stock which he donated—see end of list).....	1,000.00
M. Albert Linton.....	100.00
Mr. and Mrs. Wm. H. Luden and Wm. H. Luden, Jr.	1,000.00
William M. Maier.....	100.00
Ulrich Mengert.....	100.00
Marriott C. Morris.....	500.00
Mrs. James W. Oakford.....	100.00
Frederic Palmer.....	500.00
William P. Phillips.....	10,000.00
Prof. L. W. Reid.....	50.00
Charles J. Rhoads.....	1,000.00
Owen B. Rhoads.....	100.00
Alfred G. Scattergood.....	1,000.00
J. Henry Scattergood.....	1,000.00
Mrs. Maria C. Scattergood.....	1,500.00
Mrs. Wallace M. Scudder.....	1,000.00
Dr. Frederic C. Sharpless.....	500.00
John A. Silver.....	500.00
Jonathan M. Steere.....	1,000.00
Francis J. Stokes.....	5,000.00
In Memory of Henry W. Stokes.....	20,000.00
Mr. and Mrs. S. Emlen Stokes.....	4,650.00
Frederic H. Strawbridge.....	1,000.00
Francis R. Taylor.....	100.00
Arthur H. Thomas.....	1,000.00
Parker S. Williams.....	2,000.00
Evan M. Wilson.....	250.00
Edward M. Wistar.....	1,000.00
Thomas Wistar.....	500.00
Alexander C. Wood.....	100.00
Edward Woolman.....	500.00
Stanley R. Yarnall.....	50.00
Total contributions.....	81,206.00
Realized on Leeds & Northrup Stock Trust.....	25,065.00
(250 shares of this stock were donated by Morris E. Leeds, and were later sold, the above amount being realized.)	
	106,271.00
	\$151,560.32

REPORT OF
HAVERFORD COLLEGE LOAN FUND
ESTABLISHED 1926

Report No. 14	Eighth Month 31, 1940.
<i>Current Year 1939-1940</i>	
Cash balance on hand, Ninth Month 1, 1939.....	\$ 5,899.72
15 loans repaid during year.....	2,534.00
41 part payments on loans during year.....	1,009.73
Interest received during year.....	921.30
Gift, John W. Charles '04.....	300.00
Gift, Anonymous.....	500.00
Gift, Anonymous.....	2,000.00
Gift, Haverford Society of Maryland.....	100.00
Gift, Dr. H. S. Arthur.....	300.00
Remainder of funds in Merion Title & Trust Co.....	715.00
	\$14,279.75
40 loans to students during year.....	\$ 5,423.25
Funds in Merion Title & Trust Co.....	715.00
	6,138.25
Cash balance on hand, Eighth Month 31, 1940.....	8,141.50
179 loans outstanding, Eighth Month 31, 1940.....	30,865.10
Total resources, Eighth Month 31, 1940.....	\$39,006.60
<i>Total to Eighth Month 31, 1940</i>	
Appropriations from Jacob P. Jones Endowment Fund	\$20,812.40
1st donation from Class of 1911.....	641.30
2nd donation from Class of 1911.....	137.90
Donation from Class of 1929.....	350.27
Donation from A. R. Katz.....	500.00
Donation from Class of 1927.....	900.00
Donation from Class of 1908.....	1,507.96
Gift from C. C. Morris.....	50.00
Gift from John W. Charles.....	300.00
Gift, Anonymous.....	500.00
Gift, Anonymous.....	2,000.00
Gift, Haverford Society of Maryland.....	100.00
Gift, Dr. H. S. Arthur.....	300.00
194 loans repaid.....	28,995.65
223 part payments.....	7,805.51
Interest received.....	8,498.28
1st payment of Merion Title & Trust Co. (2/28/33)	\$42.06
2nd payment of Merion Title & Trust Co. (1/4/35)	84.12 126.18
Total receipts.....	\$73,525.09
Repayment to Corporation.....	\$ 3,000.00
Loans made.....	60,640.75
Repayment of donation, Class of '27....	900.00
Funds in Merion Title & Trust Co.....	841.18
Check tax.....	1.66 65,383.59
Cash balance, Eighth Month 31, 1940.....	8,141.50
179 loans outstanding, Eighth Month 31, 1940.....	30,865.10
Total resources, Eighth Month 31, 1940.....	\$39,006.60

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50. Present book value, \$95,445.89. The income is used for salaries and scholarships.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present book value, \$40,519.56. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,470.14. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$44,090.92. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$11,182.83. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present book value, \$5,062.07. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,609.73. The income only is to be used for the payment of professors or teachers.

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,280,589.24. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,100 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$271,492.98. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present book value, \$10,939.53. There are no restrictions. The income is used for general college purposes.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present book value, \$21,150.36. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931, Samuel Hill died and the policy realized \$5,039. Present book value, \$5,119.29.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present book value, \$41,717.57. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,792.00. There are no restrictions. The income is used for general college purposes.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present book value, \$9,635.53. There are no restrictions to the use of the income, and same is applied to general college purposes.

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, and 1940 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250 and \$100 under his legacy. Present book value, \$43,464.65. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,476.04. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$38,884.32. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the principal of the fund. Present book value, \$171,772.16. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$26,343.40. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present book value, \$23,992.16. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the

future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$123,563.86.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$215,234.81.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$124,063.08.

HAVERFORD IMPROVEMENT FUND

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes. It is hoped that this fund may be refunded from the Centenary Campaign, a part of which was planned to cover the Roberts Hall alterations.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversary of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2), but in 1935-1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936-1937, \$9,000 additional donations were made by members of the Strawbridge family, and of these \$3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and \$5,627.37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of \$16,017.04 were made in 1936-1937, \$7,700 in 1937-1938, \$2,150 in 1938-1939, and \$15 in 1939-1940 bringing the totals contributed to both funds to date, for the Observatory \$47,000, and for other uses \$145,947.55.

From the \$16,017.04, together with \$1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions \$12,022.57 was met, \$5,544.47 was applied to the debt for accrued deficits, \$7,700 was applied to the operating year 1937-1938, and \$2,150 to that of 1938-1939, and \$15.00 to that of 1939-1940.

There remains one investment in this fund not yet realized upon with a book value of \$235.97.

WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$100,437.17.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$13,900.17.

CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. Present book value, \$78,732.05. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$9,840.28.

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908. The income only is to be used, and for general purposes. Present book value, \$4,947.01

EMMA RIDGWAY COMLY FUND

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, \$49,189.08.

ELLEN W. LONGSTRETH FUND

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and \$84,416.28 in 1935-1936, \$3,338.69 in 1936-1937, and \$73.33 in 1938 from the residuary estate have been received, making \$107,828.30 in all. There are some parcels of real estate not yet liquidated, which will somewhat increase this fund. The income is used for general purposes. Present book value, \$109,388.35.

ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$4,920.14.

ELIZABETH B. WISTAR WARNER FUND

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value, \$4,870.94.

T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified, such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$276,279.83.

LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Present book value, \$984.03.

EDWARD M. WISTAR FUND

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar, '72, for endowment, the income only to be used for general purposes. Present book value, \$2,460.07.

FUND FOR GRADUATE SCHOOL**MOSES BROWN FUND**

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$343,506.59. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendle Hill, a school for religious education, located at Wallingford, Pa.

FUNDS FOR INFIRMARY**INFIRMARY ENDOWMENT FUND**

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present book value, \$9,499.25. The income is used toward the expenses of the Morris Infirmary.

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present book value, \$4,978.69. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

FUND FOR HAVERFORD UNION**HAVERFORD UNION FUND**

Founded in 1920 by gift of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,848.81.

FUNDS FOR SCHOLARSHIPS**THOMAS P. COPE FUND**

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,173.84.

The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$5,972.29. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,500.87. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. Present book value, \$4,975.49. The income only to be used to sustain the "Richard T. Jones Scholarship."

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present book value, \$6,901.59. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present book value, \$7,793.26. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present book value \$22,480.96. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present book value, \$7,788.11. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$2,904.07.

J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$5,073.50.

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:
"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

Present book value, \$4,920.14.

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$4,965.01.

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of \$750, \$2,000 each year 1936 to 1940, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for a scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$10,596.93.

**SAMUEL E. HILLES ENDOWMENT
CREATED BY MINA COLBURN HILLES**

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$4,937.17.

CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value \$2,952.08.

THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND

Founded Fifth Month 31, 1939 by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value \$21,360.00.

FUNDS FOR THE LIBRARY

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$17,156.58. The income is used for binding and miscellaneous expenses of the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$64,271.75. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present book value, \$4,920.14. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present book value, \$19,982.39. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$170,324.29. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.47, raised among the students by the Students' Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$625.32.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$986.33.

CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. In 1939-1940, additional donation of \$500 was made. The present book value is \$5,658.82.

CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,233.50.

FUNDS FOR PENSIONS**PRESIDENT SHARPLESS FUND**

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$40,578.42. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Hensz *y*, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$36,171.54. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$67,025.84. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. Present book value, \$3,219.97. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$110,251.17. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

FUNDS FOR SPECIAL PURPOSES**THOMAS SHIPLEY FUND**

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,164.18. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present book value, \$1,108.75. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace.

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value \$1,227.94.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present book value, \$9,079.69. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment."

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,260.19. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,010.60. The income only to be used as a prize for the best essays on Peace written by students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincot, '86. Present book value, \$2,506.-20. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize.

FRANCIS STOKES FUND

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present book value, \$5,038.52. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value \$1,984.92. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund.

LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,120.58.

NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. Present book value, \$1,375.42. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize.

EDWARD B. CONKLIN ATHLETIC FUND

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,361.67. The income is to be used without restriction in any branch of athletics.

ARBORETUM FUND

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Present book value, \$4,514.47.

WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize," Present book value, \$1,968.06.

C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are now exhibited on loan at the Philadelphia Museum of Art. This fund is to be liquidated and is not included in the total of the funds.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Bryn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$984.03.

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94, Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value \$3,778.21.

STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second third-day in the Tenth month, at 3 o'clock P.M.

The Stated Meetings of the Managers for 1941 will be held on the second Sixth-day of First and Third Months, and on the Third Sixth-Day of Fifth, Ninth and Eleventh months.

LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF BEQUEST OF PERSONAL PROPERTY

I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto the Corporation of Haverford College, the sum of Dollars.

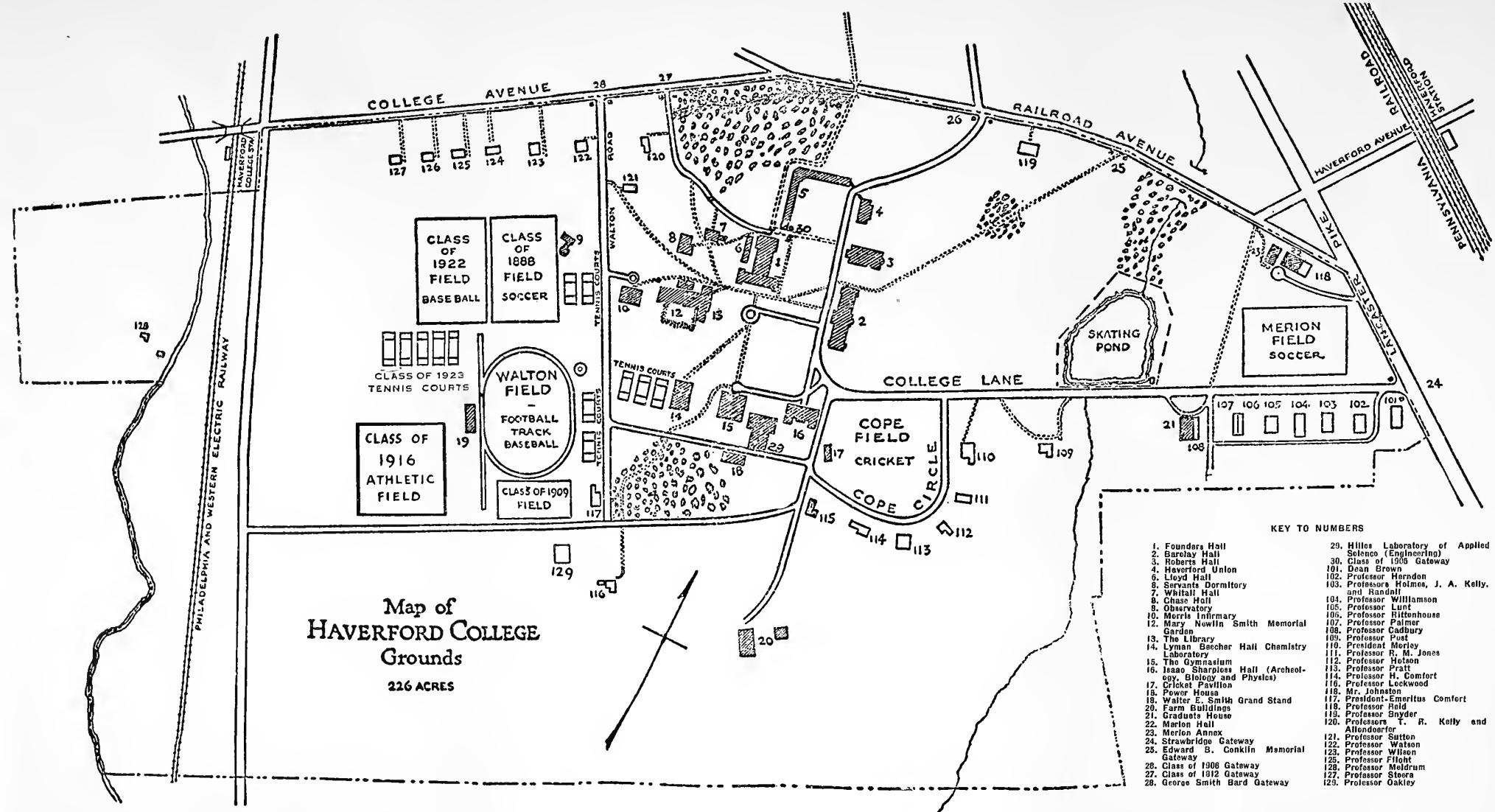
FORM OF DEVISE OF REAL ESTATE

I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Here describe the real estate.)

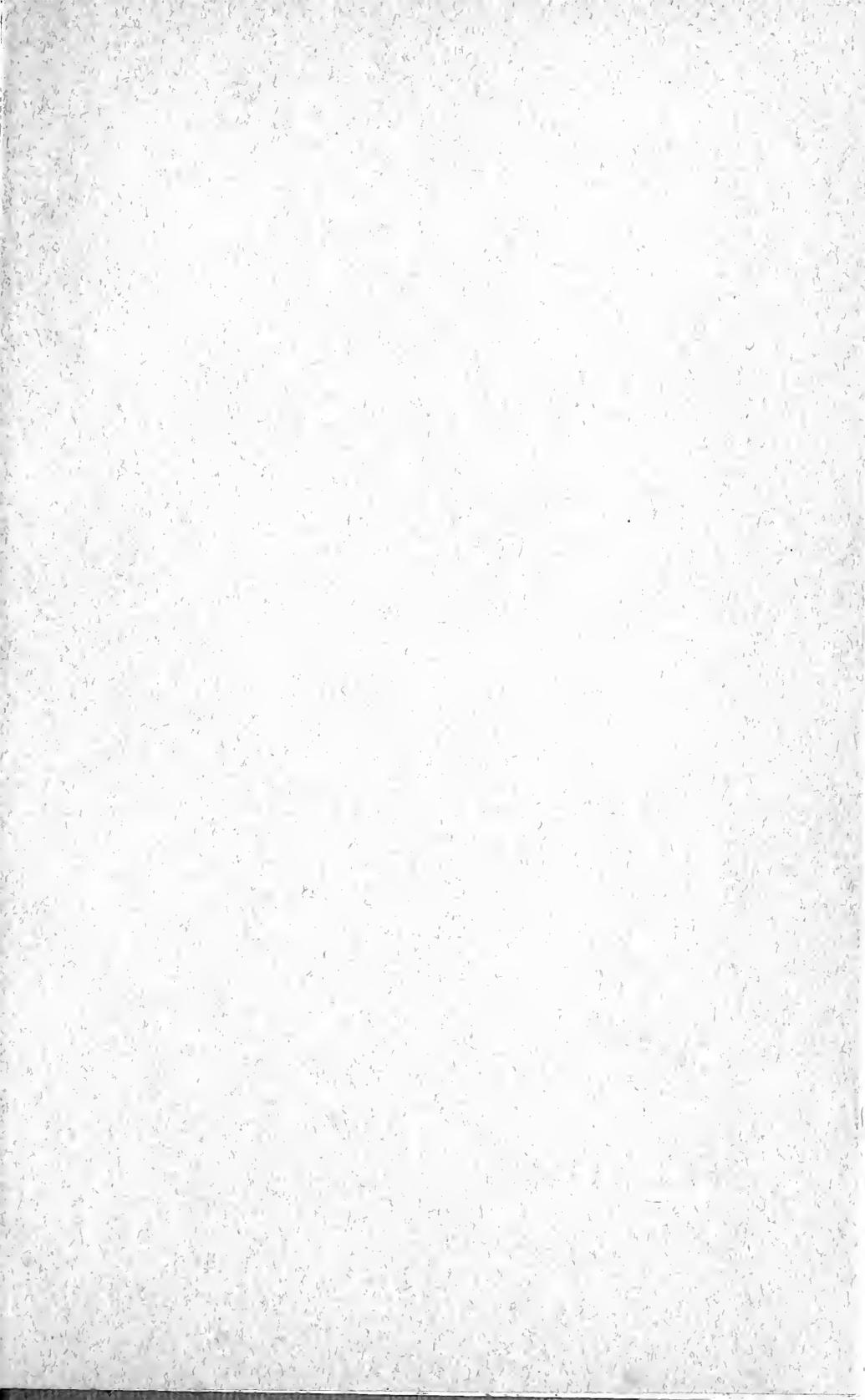


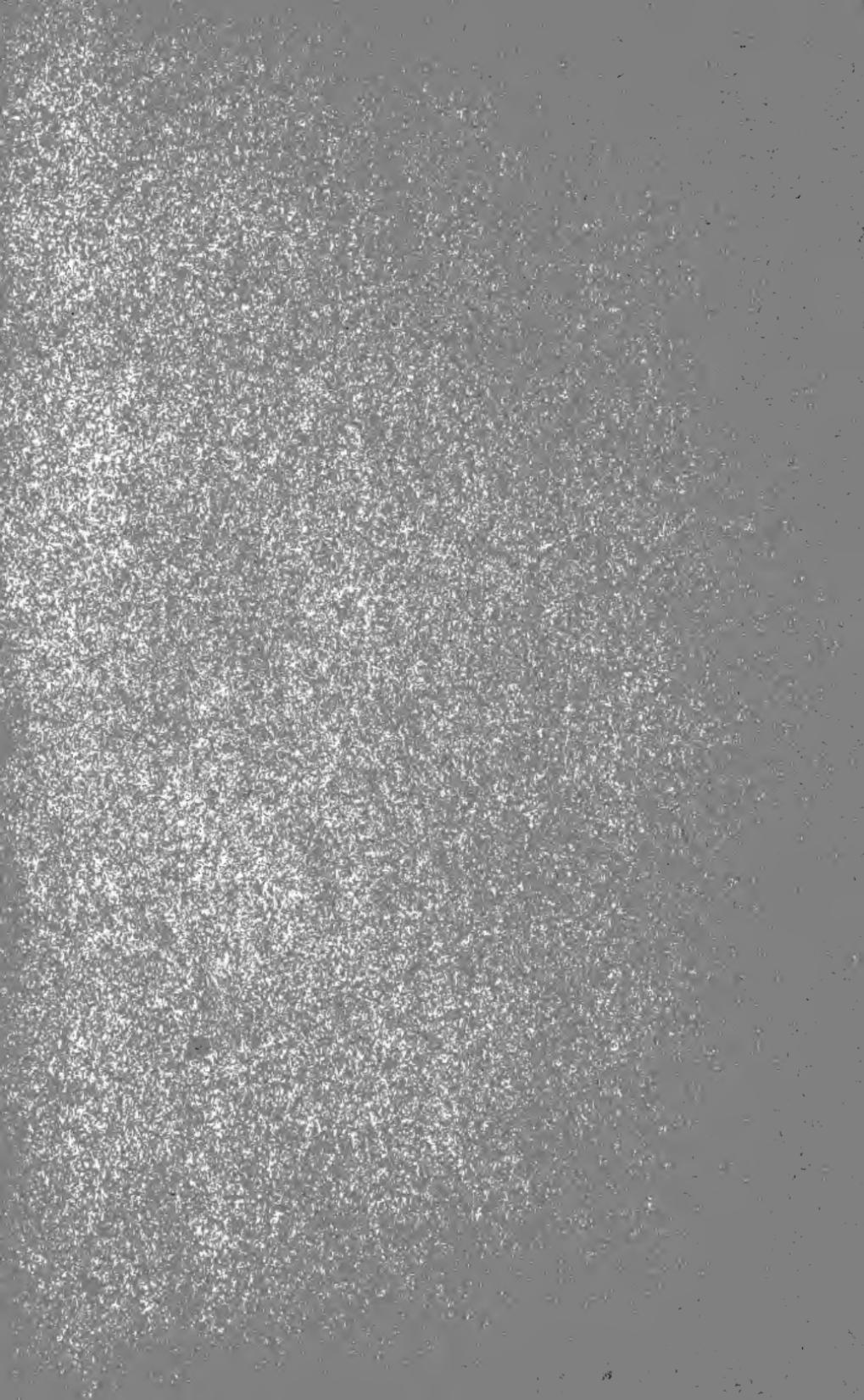
Map of
HAVERFORD COLLEGE
Grounds

226 ACRES









SEP 8 1941

HAVERFORD PA

HAVERFORD COLLEGE BULLETIN

VOL. XXXIX

JUNE, 1941

No. 4

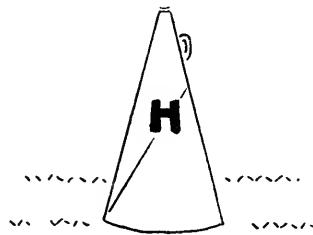
Athletic Number
1940-1941



Issued Quarterly by Haverford College,
Haverford, Pa.

Entered December 10, 1902, at Haverford, Pa.
Second-Class Matter under Act of Congress of July 16, 1894

HAVERFORD COLLEGE
ATHLETICS



1940-1941



THE YEAR 1940-41

The high lights of the athletic year were the football victory over Lehigh; the undefeated Cross-Country Team; and the Wrestling Team's winning season climaxed by their M. A. C. W. A. Championship.

The football, soccer, fencing, track, and tennis teams all broke about even in wins and losses.

In the doldrums were basketball, baseball, golf, and cricket. The latter had the biggest squad in some time, due in part to the revival of the old Intercollegiate League, and in part to the enthusiasm evident at several other colleges.

Captain Dick Bolster became the new M. A. C. W. A. 128-pound champion; Morris Evans, the new M. A. S. C. A. A. low-hurdle champion. Bob Evert was given the Hale Award in wrestling; Morrie Evans won the Walton Cup in track; Ed. Goerke, the Virginia Cup in Tennis; and the Varsity Cup went to Sam Snipes.

Detailed accounts of all contests may be found in the *Harrowford News* on file in the Library.

ARCHIBALD MACINTOSH,
Director.

HAVERTY COLLEGE ATHLETIC ASSOCIATION STATEMENT (1940-1941)

INCOME

<i>Items</i>	<i>Football</i>	<i>Soccer</i>	<i>Basket-ball</i>	<i>Wres-tling</i>	<i>Fenc-ing</i>	<i>Track</i>	<i>Base-ball</i>	<i>Tennis</i>	<i>Cricket</i>	<i>Golf</i>	<i>Gym</i>	<i>P. T.</i>	<i>Office</i>	<i>Total</i>
Balance, June 1, 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$552.47
Student Dues, 1939-40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68.75	68.75
All Haverford Plan ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	400.15	400.15
Student Activities Fees, 1939-40 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	620.00	620.00
Student Activities Fees, 1940-41 .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	654.00	654.00
Student Dues, 1940-41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,818.81	6,818.81
Skating Pond, 1940-41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	232.24	232.24
Gate	\$596.63	.....	.....	\$73.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	669.88
Guarantees	1,400.00	\$95.00	247.65	\$120.00	.....	.....	\$200.00	\$25.00	\$45.00	.....	.....	.....	.....	.....
Total	\$1,996.63	\$95.00	\$320.90	\$120.00	.....	.....	\$200.00	\$25.00	\$45.00	.....	.....	.....	\$9,346.42	\$12,149.55

EXPENSES

<i>Items</i>	<i>Football</i>	<i>Soccer</i>	<i>Basket-ball</i>	<i>Wres-tling</i>	<i>Fenc-ing</i>	<i>Track</i>	<i>Base-ball</i>	<i>Tennis</i>	<i>Cricket</i>	<i>Golf</i>	<i>Gym</i>	<i>P. T.</i>	<i>Office</i>	<i>Total</i>
Equipment	\$2,262.52	\$519.63	\$244.66	\$156.61	\$35.00	.....	\$297.01	\$415.69	\$263.02	\$17.56	\$24.25	\$117.40	\$272.53	\$289.63
Guarantees	705.00	40.00	274.50	35.00	.....	28.00	240.00	90.90	.....	83.50	.....	.....	.....	\$4,915.63
Travel	2,172.18	358.25	324.20	421.60	54.60	492.45	136.00	300.10	50.05	64.50	.....	.....	.....	1,496.00
Officials	175.00	130.20	115.00	90.00	.....	30.00	126.00	.....	205.00	.....	.....	.....	.....	4,373.93
Coaching .....	.....	.....	.....	100.00	300.00	.....	.....	.....	.....	.....	.....	.....	.....	666.20
Total	\$5,314.70	\$1,048.08	\$958.36	\$803.21	\$389.72	\$847.46	\$917.69	\$858.12	\$67.61	\$172.25	\$117.40	\$272.53	\$289.63	\$12,056.76

Balance, June 1, 1941.....\$103.82

**Haverford College Athletic Association
and
Department of Physical Education**



FELIX M. MORLEY, PH.D., LITT.D.
President.

JAMES A. BABBITT, A.M., M.D.
Professor of Hygiene and Physical Education, Emeritus.

ARLINGTON EVANS, B.P.E., M.S.
Instructor of Physical Training.

Roy E. RANDALL ..
Coach of Football, Basketball, and Baseball.
Director of Physical Education.

A. W. HADDETON
Coach of Track.

JAMES C. GENTLE
Coach of Soccer.

WILLIAM DOCHERTY
Assistant Coach of Football, Basketball, Baseball.

EDGAR H. REDINGTON
Assistant Coach of Soccer.

HENRI GORDON
Coach of Fencing.

RENE BLANC-ROOS
Coach of Wrestling.

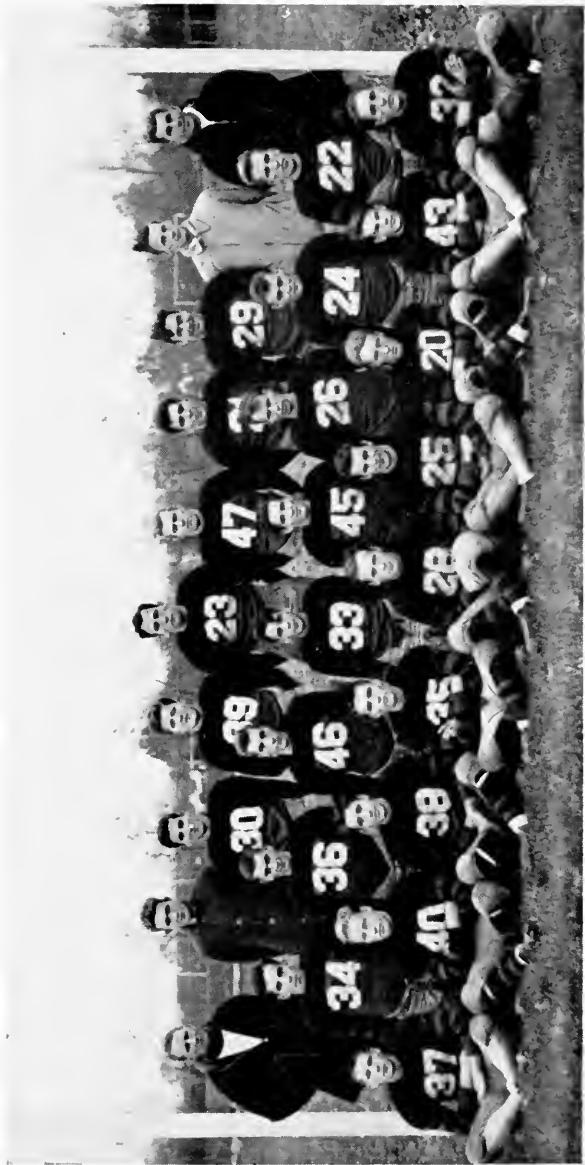
ARCHIBALD MACINTOSH
Director of Intercollegiate Athletics.



Athletic Executive Committee

PRESIDENT FELIX MORLEY, '15, *Chairman*

DR. FREDERIC PALMER, JR.	G. HEMPHILL, '41
H. T. BROWN, JR., '23	E. P. ALLINSON, JR., '41
J. M. CROSMAN, '18	S. M. SNIPES, '41
O. B. RHOADS, '25	A. MACINTOSH, '21
R. E. RANDALL	



The Football Team

FOOTBALL DEPARTMENT

Captain

GEOFFREY HEMPHILL, '41

Coach

ROY E. RANDALL

Manager

FRANK INGLIS, '41

Line Coach

WILLIAM DOCHERTY

Assistant Manager

WILLIAM B. MELDRUM, JR.

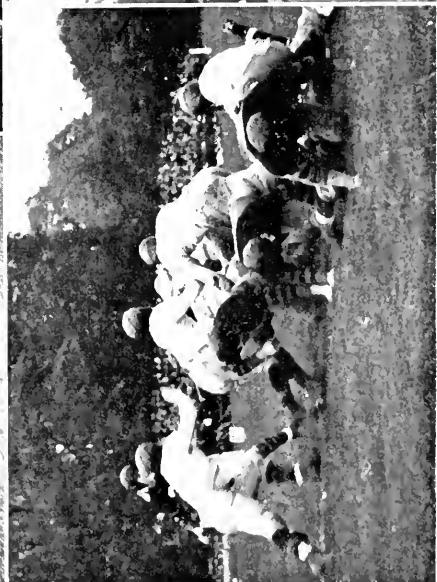
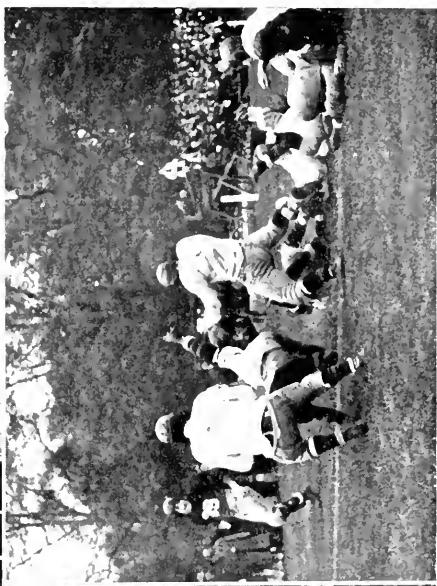
Awarded Football "H"

GEOFFREY HEMPHILL, '41	(<i>Captain</i>)	guard
JAMES P. MAGILL, '42	(<i>Captain-elect</i>)	back
R. GARRY WINSLOW, '41		back
SAMUEL M. SNIPES, '41		end
JOHN W. DORSEY, '41		end
TUCKER F. MORIAN, '41		back
PAUL C. ROWLAND, '41		back
DAVID B. ARNOLD, '41		tackle
FRANK INGLIS, '41		manager
ELEAZER E. CHILDS, '42		center
W. SCOTT WORRAL, '42		back
ROBERT E. MILLER, '42		end
THOMAS C. COCHRAN, '42		tackle
RICHARD W. BROWN, '42		guard
GEORGE T. WARNER, '42		back
CHARLES A. OLSON, '42		end
PHILIP F. MCLELLAN, '42		tackle
JOHN H. MEADER, '43		tackle
R. FAIRLES JORDAN, '44		guard
JOHN R. AMUSSEN, '44		back
JODIE DEE CRABTREE, '44		back

Awarded Football Numerals

JOHN L. WEBB, JR., '41		back
JOHN J. FRAZIER, '42		tackle
JEFF DEWALD, '43		back
DOUGLAS H. BAKER, '43		center
SPENCER R. STUART, '44		center
JOHN T. HOUGH, '44		tackle

Coach Roy E. Randall (top centre). The Team in Action



Football Scores, 1940

Sept. 28—Haverford.....	6	Union	19(A)
Oct. 5—Haverford.....	33	Allegheny	0(A)
Oct. 19—Haverford.....	13	Wesleyan	28(H)
Oct. 26—Haverford.....	20	Johns Hopkins	7(H)
Nov. 2—Haverford.....	18	Lehigh	7(A)
Nov. 9—Haverford.....	0	Hamilton	13(A)

Individual Scoring Record

	Touch- downs	Points After Touchdown	Total
R. Garey Winslow, '41.....	1	0	6
Paul C. Rowland, '41.....	2	0	12
Robert E. Miller, '42.....	1	0	6
James P. Magill, '42.....	3	1	19
Thomas C. Cochran, '42.....	0	4	4
George T. Warner, '42.....	2	0	12
John R. Amussen, '44.....	4	1	25
Jodie Dee Crabtree, '44.....	1	0	0



Magill with the Ball (upper left)

Captain Geoffrey Hemphill (upper left)

Winslow (lower right)

SOCCE R DEPARTMENT

Captain

EDWARD P. ALLINSON, JR., '41

Coach

JAMES GENTLE

Manager

WILLIAM L. LIDDELL, JR., '41

Assistant Manager

ARTHUR EVANS, '42

Awarded Soccer "H"

EDWARD P. ALLINSON (*Captain*), '41

KENNETH S. ROBERTS (*Captain-elect*), '42

HOWARD L. BLUM, '41

GORDON W. HOWE, '42

CHRISTOPHER EVANS, '41

CHRISTOPHER J. CADBURY, '43

WILLIAM K. MILLER, '41

JACQUE S. ELWELL, '43

G. RALPH STROHL, JR., '41

J. MORRIS EVANS, '43

ALAN L. DORIAN, '42

DAVID D. SOMERS, '43

EDWARD FLACCUS, '42

JOHN W. THACHER, JR., '43

WILLIAM L. LIDDELL, JR. (*Manager*), '41

Awarded Soccer Numerals

J. PHILIP NEAL, '41

ROBERT B. DAY, '44

LANSING P. WAGNER, '41

THOMAS ELKINTON, '44

LOUIS N. GRIER, '42

H. WILLIAM HELVESTON, JR., '44

T. CANBY JONES, '42

DONALD J. KESTER, '44

SUMNER W. FERRIS, '43

PHILIP T. LUKENS, '44

J. BRYSON GILBERT, '43

GILBERT H. MOORE, JR., '44

BYRON E. HOWE, JR., '43

ARNOLD R. POST, '44

HOWARD B. KRIEBEL, '43

DAVID E. STOKES, '44

WILLIAM H. WOODWARD, '43

HOWARD P. WOOD, '44

DANIEL E. DAVIS, JR., '44

JAMES H. WORL, '44



The Soccer Team

1940 Intercollegiate Scores

Oct. 11—Haverford.....	1	Princeton	3
Oct. 19—Haverford.....	1	Springfield	2
Oct. 23—Haverford.....	3	Ursinus	0
Oct. 26—Haverford.....	4	Lafayette	0
Nov. 2—Haverford.....	5	Lehigh	0
Nov. 9—Haverford.....	1	Cornell	0
Nov. 15—Haverford.....	2	Pennsylvania	0
Nov. 22—Haverford.....	1	Swarthmore	2
Nov. 27—Haverford.....	8	Wheaton	1

Won: 6 Lost: 3 Points for: 26 Points against: 8

Other Scores

Sept. 21—Haverford.....	5	Alumni	2
Sept. 28—Haverford.....	2	Germantown Boys' Clnb...	1
Oct. 5—Haverford.....	1	Angora	0

Results of the J. V. Soccer Season 1940

Oct. 5—Haverford.....	5	Swarthmore J. V.	2
Oct. 11—Haverford.....	2	Princeton J. V.	0
Oct. 22—Haverford.....	3	Pennsylvania J. V.	2
Oct. 24—Haverford.....	1	N. E. Catholic H. S.....	4
Nov. 7—Haverford.....	2	Pennsylvania J. V.	3
Nov. 16—Haverford.....	3	Swarthmore J. V.	0
Nov. 26—Haverford.....	0	Westtown School	4

Results of the Third Team Soccer Season 1940

Sept. 28—Haverford.....	1	Hill School	3
Oct. 23—Haverford.....	3	Ursinus	0
Oct. 29—Haverford.....	3	Pennsylvania 3rd	8
Nov. 12—Haverford.....	1	Pennsylvania 3rd	8
Nov. 16—Haverford.....	0	Swarthmore 3rd	2
Nov. 19—Haverford.....	6	Westchester State Teachers College	3

The Soccer Team in Action



BASKETBALL DEPARTMENT*Captain*

KENNETH W. WEYERBACHER, '41

Coach

ROY E. RANDALL

Manager

ROBERT W. EVANS, JR., '41

Assistant Manager

THOMAS C. COCHRAN, JR., '42

Awarded Basketball "H"

KENNETH W. WEYERBACHER, '41 (<i>Captain</i>)	forward
CHRISTOPHER EVANS, '41	guard
ROBERT E. MILLER, JR., '42	center
GEORGE T. WARNER, '42 (<i>Captain-elect</i>)	forward
J. MORRIS EVANS, '43	guard
JOHN R. AMUSSEN, '44	center
ROBERT W. EVANS, '41	manager

Record for 1940-1941

Haverford	41	Hamilton	50
Haverford	39	Stevens	42
Haverford	23	Wesleyan	63
Haverford	39	Trinity	50
Haverford	29	Drexel	37
Haverford	38	Johns Hopkins	56
Haverford	39	Lehigh	56
Haverford	45	Moravian	69
Haverford	17	Delaware	39
Haverford	29	Swarthmore	45



Individual Scoring Record

Warner	93
R. Miller	78
Weyerbacher (<i>Captain</i>)	48
Amussen	38
J. M. Evans	33
Dorian	18
D. Magill	17
W. Miller	6
C. Evans	4
Addoms	3
Hallett	1
G. Howe	0
D. Miller	0

Junior Varsity Schedule 1940-1941

Haverford J. V.....	23	Haverford School	21
Haverford J. V.....	27	Valley Forge M. A.....	19
Haverford J. V.....	21	Taylor School	22
Haverford J. V.....	21	Drexel J. V.	42
Haverford J. V.....	23	Westtown School	38
Haverford J. V.....	20	Lincoln Business School...	46
Haverford J. V.....	26	Moravian J. V.....	47
Haverford J. V.....	34	Delaware J. V.....	35
Haverford J. V.....	31	Swarthmore J. V.	32



The Wrestling Team, Captain Bolster (right)

WRESTLING DEPARTMENT*Captain*

RICHARD HAWKS BOLSTER, II, '41

Coach

RENE BLANC-ROOS, '35

Manager

SAMUEL M. MURPHY, JR., '41

Assistant Manager

JOHN Y. ELLIOTT, '42

Awarded Wrestling "H"RICHARD HAWKS BOLSTER, II, '41 (*Capt.*)WILLIAM F. SHIHADEH, '43 (*Capt.-elect*)

ROBERT N. EVERET, '41

GEOFFERY HEMPHILL, '41

JOHN B. RHIND, '43

LUCIUS G. SMILEY, '43

DONALD J. KESTER, '43

SAMUEL M. MURPHY, JR., '41, (*Manager*)**Awarded Wrestling Numerals**

ROY A. DYE, JR., '42

DAVID S. FOX, '42

MURDOCK S. BOWMAN, '43

JOHN H. MEADER, '43

ELLSWORTH C. ALVORD, JR., '44

DANIEL E. DAVIS, JR., '44

ARNOLD RAE POST, '44

The Allan C. Hale, Jr., Memorial Award

Presented by Mrs. Allan C. Hale, Jr., wife of the 1936 Captain, each year to that member of the wrestling team, not necessarily the highest scorer or the best wrestler, whose sportsmanship and interest has contributed most to the advancement of the sport.

ROBERT N. EVERET, '41

**The 1941 Middle Atlantic Collegiate Wrestling
Association Championships
Team Scores**

Haverford	31
Gettysburg	28
Lafayette	25
Rutgers	15
Ursinus	2
Muhlenberg	1

Individual Honors

Bolster	first place, 128 lb. class
Kester	second place, 121 lb. class
Evert	second place, 136 lb. class
Shihadeh	second place, 155 lb. class
Smiley	second place, 165 lb. class
Hemphill	second place, 175 lb. class

Varsity Meets

	Hav.	Opp.
December 14—Muhlenberg	26	15
January 11—Ursinus	33	3
January 17—Gettysburg	21	15
February 8—Kutztown	38	0
February 19—University of Maryland	21	0
February 22—Johns Hopkins	32	0
February 26—Ursinus	27	3
March 1—Wesleyan	19	11
Totals	217	58

Junior Varsity Meets

	Hav.	Opp.
December 12—Penn Charter	33	3
January 14—Episcopal	31	5
February 6—George School	20	16
February 14—Franklin and Marshall Acad..	8	22
March 5—Peddie	16	16
Totals	108	62

Recapitulation 1940-1941**VARSITY**

Name	Class	Won	Lost	Tied	Points	Points Total
Kester	121	6	1	0	28	..
(M. A. C. W. A. C.)..	121	3	1	0	6	34
Bowman	121	1	0	0	3	3
Rhind	128	5	1	0	21	21
Bolster	128	2	0	0	10	..
(M. A. C. W. A. C.)..	128	3	0	0	7	..
	136	5	1	0	21	38
Evert	136	2	0	0	6	..
(M. A. C. W. A. C.)..	136	2	1	0	5	..
	145	5	1	0	24	35
Fox	145	2	0	0	6	..
(M. A. C. W. A. C.)..	145	0	2	0	0	6
Shihadeh	155	8	0	0	36	..
(M. A. C. W. A. C.)..	155	2	1	0	4	40
Smiley	165	4	2	0	20	..
(M. A. C. W. A. C.)..	165	3	1	0	5	25
Meader	165	2	0	0	6	..
	175	1	0	0	3	9
Hemphill	175	5	2	0	25	..
(M. A. C. W. A. C.)..	175	2	1	0	4	29
Alvord	Heavy	2	2	0	8	8
Wigfield	Heavy	0	3	0	0	0

JUNIOR VARSITY

Name	Class	Won	Lost	Tied	Points	Points Total
Bowman	121	4	1	0	16	16
Kester	128	1	1	0	5	5
Lyman	128	0	2	0	0	0
D. Davis	136	3	1	0	13	13
Rhind	136	0	1	0	0	0
Dye	145	2	2	0	10	10
Fox	145	1	0	0	3	..
	155	1	0	0	5	..
	165	1	0	0	3	11
Post	155	2	1	0	10	..
	165	1	0	0	5	15
Mason	155	0	1	0	0	0
Meader	165	2	1	0	10	10
Alvord	175	3	1	0	13	..
	Heavy	1	0	0	5	18
Szerlip	175	0	1	0	0	0
Watkins	175	0	1	0	0	0
Cochran	Heavy	0	1	0	0	0
Wigfield	Heavy	2	1	0	10	10

FENCING DEPARTMENT

Captain

JOHN BURT CLARK, '41

Coach

R. HENRI GORDON

Manager

BENTON DAVIS KING, '41

Assistant Manager

RICHARD KAY, '42

Awarded Fencing "H"

EUGENE E. BOTELHO, '41.....	epée
JOHN B. CLARK, '41 (<i>Captain</i>).....	foil
GERRITT L. EWING, '41.....	sabre
JOHN A. FUST, '42 (<i>Captain-elect</i>).....	sabre
JOHN C. HAWLEY, '41.....	epée
BENTON D. KING, '41.....	manager
ARNOLD SATTERTHWAITE, '43.....	foil

Awarded Fencing Numerals

WARREN D. ANDERSON, '42.....	epée
GEORGE M. SWAN, '41.....	foil
CHARLES S. ALLEN, '44.....	epée
MANUEL J. GOMEZ, '44.....	epée
RICHARD KAY, '42.....	asst. mgr.
JOHN M. KROM, '44.....	foil
JOHN D. THOMSON, '42.....	sabre
R. BAYLY WINDER, '43.....	foil
KENNETH A. WRIGHT, '41.....	sabre

Varsity Meets

Dec. 14—Haverford.... 15	P. C. P. S..... 12 (A)
Feb. 8—Haverford.... 8½	Pennsylvania 18½(A)
Feb. 15—Haverford.... 15	Lafayette 12 (H)
Feb. 22—Haverford.... 18	Johns Hopkins 9 (H)
Mar. 8—Haverford.... 11½	Rutgers 15½(A)
*Mar. 13—Haverford.... 11	Wm. and Mary..... 8 (H)
Mar. 15—Haverford.... 16	Swarthmore 11 (H)
*Mar. 20—Haverford.... 8	Temple 9 (H)

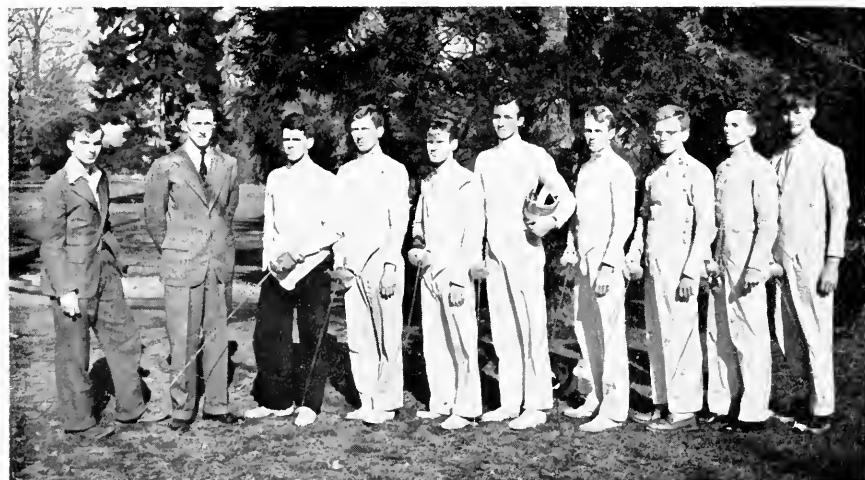
*Unofficial meets not counting in awarding of letters.

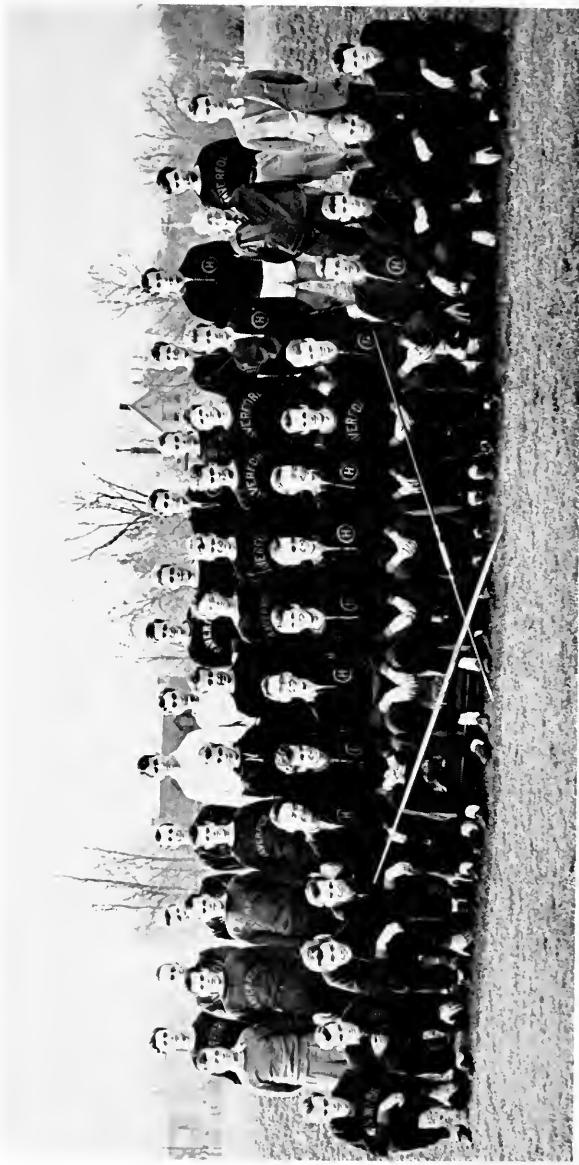
Individual Varsity Scores

	Bouts Won	Bouts Lost	No. of Meets
<i>Foil:</i>			
J. B. Clark	13	5	6
A. Satterthwait	11	7	6
G. M. Swan	6	12	6
<i>Sabre:</i>			
J. A. Fust	10	8	6
G. L. Ewing	7	11	6
B. D. King	6	12	6
<i>Epee:</i>			
E. E. Botelho	13½	4½	6
J. C. Hawley	10½	7½	6
W. D. Anderson	6	9	5
J. Hamill	0	3	1
	—	—	
	83	79	

Junior Varsity Meets

Feb. 7—Haverford.....	11	Pennsylvania	16	(A)
Feb. 27—Haverford.....	10	V. F. M. I.	11½	(A)
Mar. 8—Haverford.....	17	Lawrenceville	10	(A)
Mar. 15—Haverford.....	8	Penn Charter	19	(H)
Mar. 25—Haverford.....	13	Radnor S. C.	14	(H)

*The Fencing Team*



The Track Team

TRACK DEPARTMENT*Captain*

S. M. SNIPES, '41

Coach

ALFRED W. HADDLETON

Manager

R. S. VOGT, '41

Assistant Managers

H. R. HARPER, '42

B. B. BRODHEAP, '42

Awarded Track "H"S. M. SNIPES, '41 (*Captain*)W. C. FALCONER, '42 (*Captain-elect*)R. S. VOGT, '41 (*Manager*)

H. L. CLEMENT, '41

J. M. EVANS, '43

K. W. WEYERBACHER, '41

B. E. HOWE, JR., '43

R. H. SMITH, '41

A. MASON, '43

R. W. DUNHAM, '42

A. S. ROGERS, '43

J. F. GARY, '42

G. M. RYRIE, '43

P. F. McLELLAN, '42

W. H. WOODWARD, '43

R. E. MILLER, JR., '42

J. R. AMUSSEN, '44

C. A. OLSON, JR., '42

J. D. CRABTREE, JR., '44

D. M. POOLE, '42

H. P. WOOD, '44

Awarded Track Numerals

P. T. LUKENS, '44

Track Schedule, 1941

April 12—Johns Hopkins	Home
April 21—Virginia	Away
April 25, 26—Penn Relays	Away
April 29—Lehigh	Home
May 2—Swarthmore	Away
May 6—Lafayette	Away
May 9, 10—M. A. S. C. A. A.....	Away
May 14—Gettysburg	Home
May 17—Drexel, P. M. C.....	Home



Track Results

April 12—Haverford.....	83	Johns Hopkins	43
April 21—Haverford.....	37	Virginia	89
April 29—Haverford.....	55	Lehigh	70
May 2—Haverford.....	98	Swarthmore	28
May 6—Haverford.....	34	Lafayette	92
May 14—Haverford.....	56	Gettysburg	70
May 17—Haverford.....	90	Drexel	39
		P. M. C.	24
		Wen—3	
		Lost—4	

April 25, 26—Penn Relays—Haverford took second place in the
M. A. S. C. A. A. one-mile relay.

May 9, 10—M. A. S. C. A. A.—Haverford 7th place—13 points.
J Morris Evans, '43, won the Middle Atlantic Low
Hurdles Championship.

Individual Point Totals

J. M. Evans, '43.....	65	G. M. Ryrie, '43.....	12
W. C. Falconer, '42.....	45	R. E. Miller, Jr., '42.....	10
D. M. Poole, '42.....	38	H. P. Wood, '44	9
R. W. Dunham, '42.....	36	K. W. Weyerbacher, '41....	9
B. E. Howe, Jr., '43.....	35	P. T. Lukens, '44	8
J. D. Crabtree, Jr., '44....	29	A. Mason, '43.....	7
J. F. Gary, '42.....	28	G. E. Myers, '44	3
S. M. Snipes, '41.....	28	J. R. Hogness, '43.....	3
H. L. Clement, '41.....	28	C. L. Beye, '44.....	3
A. S. Rogers, '43.....	27	W. H. Lehmann, '44.....	3
J. R. Amussen, '44.....	25	R. H. Smith, '41.....	2
C. A. Olson, Jr., '42.....	17	M. L. Brown, '43.....	1
P. F. McLellan, '42.....	16	J. G. Shinn, '43.....	1
W. H. Woodward, '43.....	15	M. J. Gomez, '44.....	1
		J. S. Wires, '44.....	1

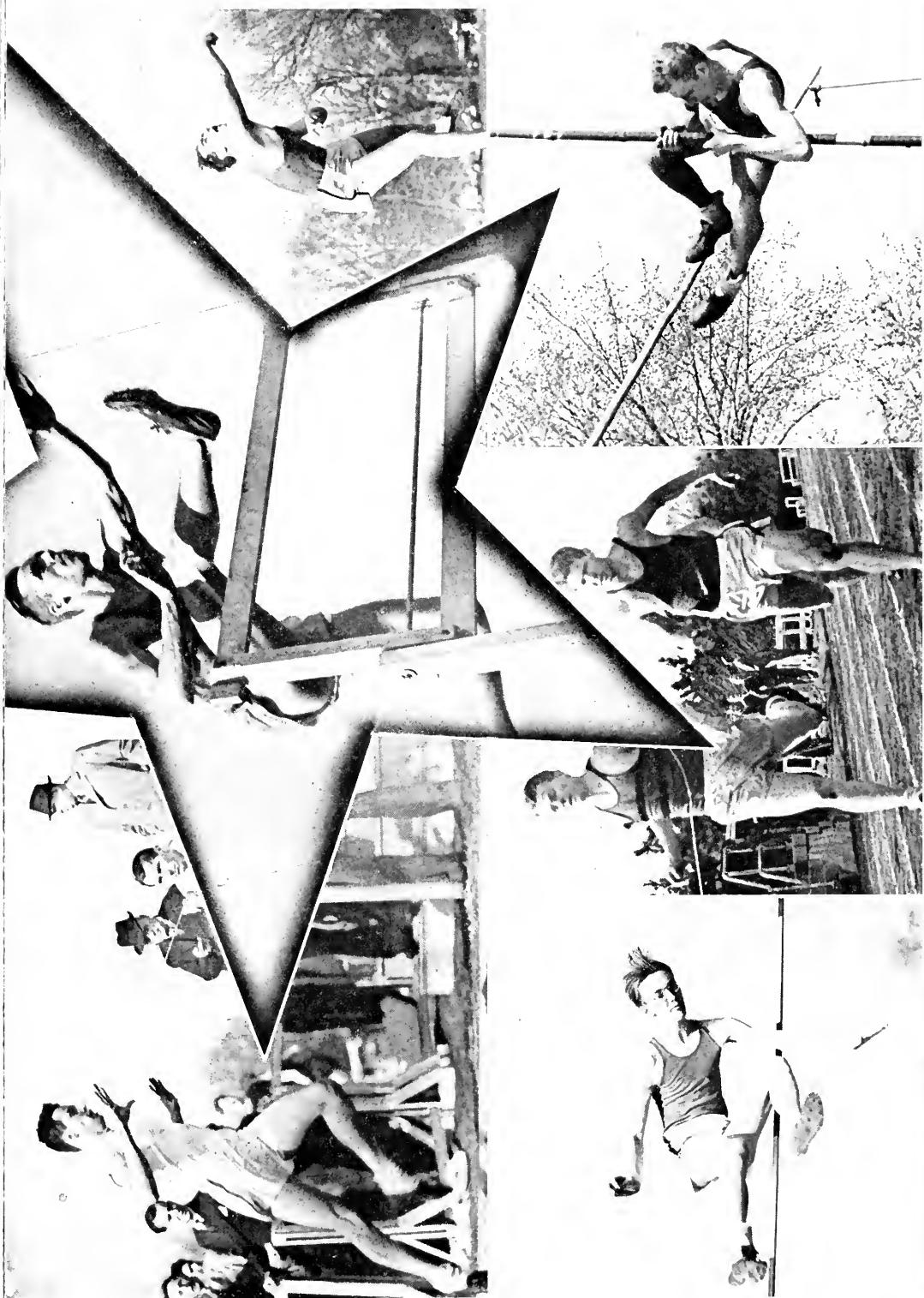
The Walton Cup

Presented by Mr. Ernest P. Walton, of the Class of 1890, for the encouragement of individual athletic work and to be awarded annually to the student who wins the highest total of points in athletic competition during the year.

1941—J. MORRIS EVANS, '43.....65 points

Haverford College Track and Field Records

<i>Event</i>	<i>Record</i>	<i>Holder</i>	<i>Date</i>
100-Yard Dash ...9.9 secs.	Joseph C. Wingerd, '39.	1937	
220-Yard Dash ...22 secs.	H. K. Ensworth, '29.	....1928	
440 Yard Dash ...50.2 secs.	Walter Palmer, '10.	....1910	
880-Yard Dash ...1 min. 58.1 secs....	W. C. Falconer, '42.	....1940	
Mile Run .....2 min. 0.8 secs....	R. F. Edgar, '31.	.....1929	
Two-mile Run ....10 min. 11 secs....	T. D. Shihadeh, Jr., '39.	1939	
High Hurdles ....15.4 secs.	S. R. Evans, '38.	.....1938	
Low Hurdles ....24.4 secs.	T. B. Steiger, '39.	.....1939	
Broad Jump .....23 ft. 7 $\frac{1}{8}$ in.....	H. H. Derr, III, '39.	....1938	
High Jump .....6 ft. 2 $\frac{3}{4}$ in.....	A. C. Thomas, Jr., '28.	..1928	
Shot Put .....46 ft. 5 $\frac{7}{8}$ in.....	S. S. Poorman, '37.	....1937	
Pole Vault .....12 ft. 4 in.....	J. H. Morris, Jr., '30.	...1930	
Javelin .....180 ft. 9 $\frac{1}{2}$ in.....	G. P. Foley, '32.	.....1932	
Discus .....146 ft. 1 $\frac{1}{4}$ in.....	H. Montgomery, '25.	....1925	
Hammer Throw ..123 ft. 6 in.....	J. H. Morris, Jr., '30.	...1929	
	H. W. Jones, '05.	.....1905	



CROSS-COUNTRY DEPARTMENT

Captain

DAVID M. POOLE, '42

Coach

ALFRED W. HADDLETON

Manager

ROBERT B. DICKSON

Awarded Cross-Country "H"

DAVID M. POOLE, '42 (*Captain*)

WILLIAM E. VELTE, '41

JAMES F. GARY, '42

WALTER C. FALCONER, '42

ALAN S. ROGERS, '43

ROBERT B. DICKSON, '41 (*Mgr.*)

Awarded Cross-Country Numerals

WILLIAM H. WOODWARD, '43

ARNOLD C. SATTERTHWAIT, '43

Meets

October 26—Haverford....	16	(Johns Hopkins	51
		(Lehigh	53
November 9—Haverford....	18	Swarthmore	37
		(Lafayette	40
November 16—Haverford....	28	(Swarthmore	68
		(Lehigh	97
		(Johns Hopkins	107



The Championship Cross-Country Team

BASEBALL DEPARTMENT

Captain

R. G. STROHL, Jr., '41

Coach

ROY E. RANDALL

Manager

DAVID B. ARNOLD, '41

Assistant Manager

J. N. ADDOMS, '42

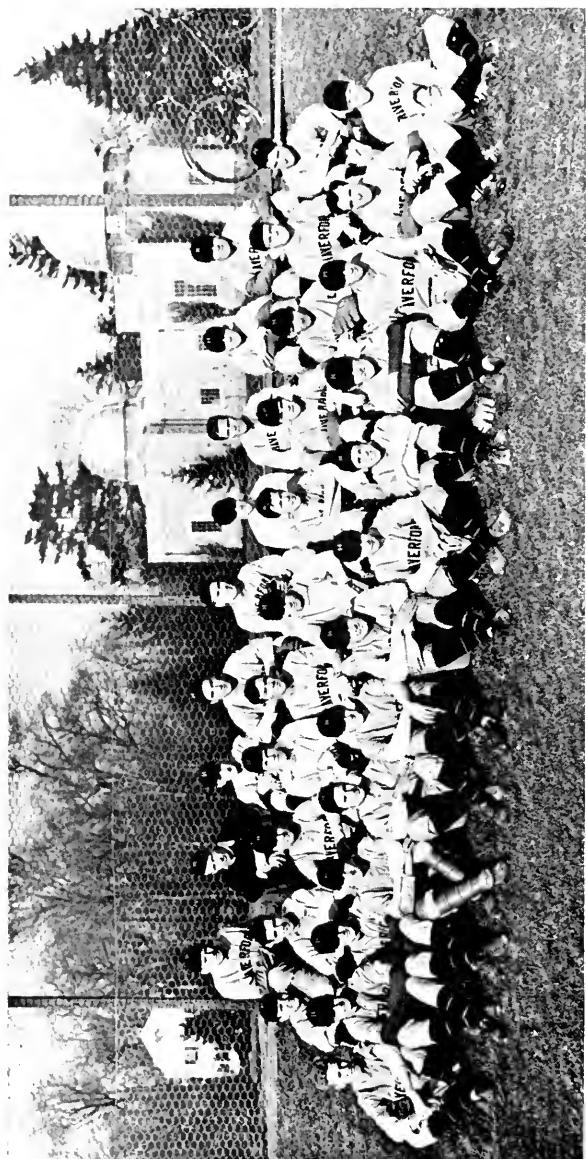
Awarded Baseball "H"

G. R. STROHL, Jr., '41.....	first base
W. R. WATSON, Jr., '41.....	catcher
R. G. WINSLOW, '41.....	third base
H. E. ZIEGLER, '41.....	pitcher
A. L. DORIAN, '42.....	pitcher
J. P. MAGILL, '42.....	second base
K. S. ROBERTS, '42.....	pitcher
L. P. SAXER, '42.....	second base
G. T. WARNER, '42.....	shortstop
W. N. WINGERD, '43.....	right field
W. L. HEDGES, '44.....	left field
D. A. MAGILL, '44.....	utility
G. E. MYERS, '44.....	center field
D. B. ARNOLD, '41.....	manager

Schedule

April 11—Haverford.....	1	Drexel	6(H)
April 12—Haverford.....	1	Trinity	10(H)
April 14—Haverford.....	1	Ursinus	4(H)
April 16—Haverford.....	3	Moravian	10(A)
April 19—Haverford.....	2	Drew	6(H)
April 23—Haverford.....	2	Hopkins	9(H)
April 25—Haverford.....	10	Hamilton	4(H)
April 26—Haverford.....	6	Stevens	1(H)
April 28—Haverford.....	0	Delaware	5(H)
April 30—Haverford.....	6	Moravian	10(H)
May 2—Haverford.....	4	P. M. C.....	6(H)
May 7—Haverford.....	1	Stevens	9(A)
May 8—Haverford.....	2	Drexel	3(A)
May 10—Haverford.....	3	Swarthmore	9(A)

The Baseball Team. Below: The Team in action



Pitchers' Records for 1941

	G.	I. P.	W.	L.	Pct.	H.	S. O.	W.
Roberts	7	34½	1	4	.200	38	9	13
Dorian	3	63½	1	6	.143	41	57	34
Ziegler	4	8	0	1	.000	9	4	7
Howe	4	12	0	1	.000	12	5	13
D. A. Magill ..	3	9	.	.	...	4	6	8

Fielding Averages for 1941

	G.	P. O.	A.	E.	Pct
Myers	14	55	7	0	1.000
Howe	6	2	6	0	1.000
Wingerd	9	4	0	0	1.000
Strohl	14	167	6	3	.983
Watson	9	58	9	3	.957
Hedges	13	16	0	1	.941
Dorian	11	8	25	3	.917
Warner	14	26	38	6	.914
Saxer	13	17	22	4	.907
D. Magill	11	10	8	2	.900
J. Magill	8	10	21	5	.861
Winslow	13	9	24	6	.846
Roberts	7	1	8	3	.750
Moore	7	2	0	1	.667
Ziegler	4	..	..	..	..
Bowman	1	..	..	..	..

Batting Averages for 1941

	G.	P. O.	A.	E.	Pct
Warner	14	54	4	17	.315
D. A. Magill	11	33	5	9	.273
Roberts	7	8	1	2	.250
Winslow	13	42	3	10	.238
Dorian	11	38	4	8	.211
Hedges	13	43	4	9	.209
Saxer	13	45	5	9	.200
Wingerd	9	21	1	4	.190
Watson	9	32	3	6	.188
J. P. Magill	8	29	4	5	.172
Moore	7	12	1	2	.167
Myers	14	55	3	9	.164
Strohl	14	57	4	9	.160
Bowman	1	1	0	0	.000
Ziegler	4	2	0	0	.000
Howe	6	5	0	0	.000

Home Runs: Dorian, J. P. Magill, Strohl, Warner.

Three-base Hits: Warner.

Two-base Hits: D. A. Magill, Watson, Warner.



The Tennis Team

TENNIS DEPARTMENT*Captain*

GEORGE M. SWAN, JR., '41

Coach

NORMAN B. BRAMALL

Manager

PHILIP C. GIFFORD, JR., '41

Assistant Manager

DAVID M. SENSENIG, '42

Awarded Tennis "H"

G. M. SWAN, JR., '41 (<i>Capt.</i>)	D. R. HALLETT, '43
H. R. BLACKWELL, '41	E. GOERKE, JR., '44
W. F. NEWHALL, '41	J. B. ROESLER, '44
W. W. STANTON, '41	H. S. VILA, '44
A. G. ASHBROOK, JR., '41	P. C. GIFFORD, JR., '41 (<i>Mgr.</i>)
E. FLACCUS, '42 (<i>Capt.-elect</i>)	

Team Record, 1941

		Hav.	Opp
April 12—Johns Hopkins	(home)	6	3
April 15—West Chester Teachers	(away)	3	6
April 18—Union	(home)	8	1
April 19—Gettysburg	(away)	6	3
April 22—Susquehanna	(away)	9	0
April 25—F. & M.	(home)	1	8
April 30—Moravian	(home)	8	1
May 3—Ursinus	(home)	7	2
May 7—Stevens	(away)	2	7
May 10—Lafayette	(home)	5	4
May 14—Swarthmore	(home)	1	8
May 15—Muhlenberg	(away)	2	7
May 17—Drexel	(away)	4	5

Haverford won 7 matches, lost 6.

Singles Record

	Won	Lost	P. C.
Goerke	10	3	.761
Swan	6	6	.500
Vila	7	5	.583
Flaccus	4	6	.400
Blackwell	5	4	.555
Newhall	4	4	.500
Hallett	1	4	.200
Roesler	3	2	.600
Ashbrook	1	1	.500
Stanton	1	0	1.000
Ferris	0	1	.000

Doubles Record

	Won	Lost	P. C
Vila	10	3	.761
Flaccus	6	6	.500
Goerke	9	3	.750
Swan	5	6	.454
Stainton	4	6	.400
Newhall	1	5	.166
Roesler	2	4	.333
Hallett	3	2	.600
Ashbrook	0	1	.000
Ferris	0	1	.000
Dorian	0	1	.000

The Virginia Cup

The Virginia Cup was presented to Haverford College in 1925 by Professor Legh W. Reid. Tournament play for the Cup is held in May each year and is participated in by not more than sixteen players. The eight members of the first and second team are permitted to compete for the cup. The matches are the best three out of five sets. The name of each winner is engraved on the Cup.

The Virginia Cup Winner

1941—EDMUND GOERKE, JR., '44

J. V. Tennis Record

Date	Opponent	Hav.	Opp.	Won	Lost
April 9—Valley Forge M. A.	4	1		1	0
April 19—Westtown	0	9		0	1
April 22—LaSalle	3	6		0	1
April 28—State Teachers	7	2		1	0
April 29—Haverford School	5	4		1	0
May 1—Phila. College Phar....	9	0		1	0
May 7—Penn Freshmen	0	7		0	1
May 9—Swarthmore	3	6		0	1
May 13—Penn Charter	4	5		0	1
May 14—Hill School	1	8		0	1
May 17—Freshmen	8	1		1	0
Total		— 44	— 49	— 5	— 6
		Percentage—.455			

Individual Records**Singles**

Name	Won	Lost	P. C.
Brown	1	0	1.000
Ashbrook	6	5	.545
Ferris	6	5	.545
O'Connor	4	6	.400
Weaver	2	3	.400
Hallett	2	4	.333
Bolster	1	2	.333
Torrence	1	2	.333
Branson	2	6	.250
Flaccus	0	2	.000
Stiles	0	2	.000
Roesler	0	1	.000
Blackwell	0	1	.000
Total	25	39	

Doubles

Name	Won	Lost	P. C.
Ashbrook and Bolster	2	0	1.000
Ashbrook and Hallett	1	0	1.000
Ashbrook and Roesler	1	0	1.000
Flaccus and Ferris	2	0	1.000
O'Connor and Stiles	2	0	1.000
O'Connor and Ferris	1	0	1.000
O'Connor and Weaver	1	0	1.000
Weaver and Torrence	2	0	1.000
Brown and Frauzen	1	0	1.000
Ashbrook and Branson	2	2	.500
Ashbrook and O'Connor	1	1	.500
Ferris and Hallett	2	2	.500
Branson and Weaver	1	1	.500
O'Connor and Torrence	0	1	.000
Ferris and Torrence	0	1	.000
O'Connor and Branson	0	2	.000
Total	19	10	



The Squash Team

SQUASH DEPARTMENT

Coach

NORMAN B. BRAMALL

Manager

JAMES N. ADDOMS

1941 Team Record

Date	Opponent	Place	Hav.	Opp.
Jan. 11—	Lafayette	Merion C. C...	1	4
Feb. 13—	Univ. of Penna. J. V.	Merion C. C...	0	6
Feb. 15—	Princeton Freshmen	Princeton	0	6
Feb. 20—	Chalfonte-Haddon Hall ...	Atlantic City ...	4	2
Feb. 25—	Haverford School	Haver. School..	0	6
Mar. 4—	Episcopal Academy	Merion C. C...	1	5
Mar. 6—	Chalfonte-Haddon Hall ...	Merion C. C...	5	2

Individual Records

Team Member	Won	Lost
Erdmann Adler	1	5
David Sensenig	3	4
Neal Addoms	2	5
Jerry Addoms	2	3
Paul O'Connor	2	5
Howard Blum	1	5

The Golf Team



GOLF DEPARTMENT

Captain

WILLIAM A. LIDDELL, JR.

Manager

J. BRUCE SWIGERT

Awarded Golf "H"

W. A. LIDDELL, JR., '41
D. H. BAIRD, '44

J. B. SWIGERT, '41

W. R. McSHANE, '44
S. R. STUART, '44

Awarded Numerals

H. L. BLUM, '41

R. N. EVERET, '41

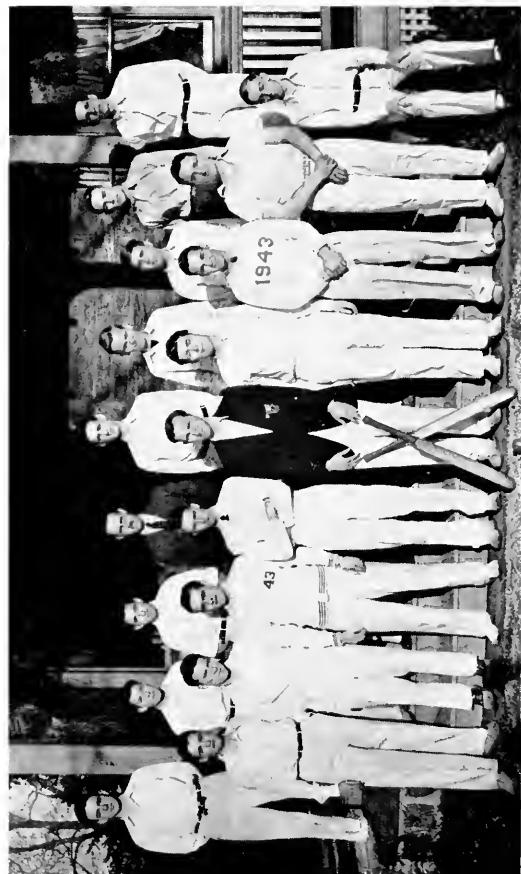
1941 Record

Opponent	Hav.	Opp.
Swarthmore	2½	6½
University of Baltimore	1	5
Johns Hopkins	5	1
St. Joseph's	0	6
Gettysburg	5½	3½
West Chester State Teachers	6	0
Western Maryland	3	3
Franklin and Marshall	3	3
Swarthmore	1	8
Wesleyan	0	6
Villanova	0	6
Lehigh	3	3

Individual Records

	Won	Lost	Tied
Liddell, W. A.	3	8	0
Stuart, S. R.	3	8	0
Evert, R. N.*	2	1	0
Baird, D. H.	5	5	0
McShane, W. R.	3	7	1
Blum, H. L.	1	2	1

*Captain-elect.



The Cricket Team

CRICKET DEPARTMENT

Captain

E. R. SCHEFFER, '41

Captain-elect

W. L. GRALA, JR., '43

Manager

ARTHUR EVANS, '42

Awarded Cricket "H"

E. R. SCHEFFER, '41

R. C. FOLWELL, 3D, '41

A. R. POST, '44

Awarded Cricket Numerals

W. L. GRALA, JR., '43	D. H. BAKER, '43
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K. J. FOREMAN, JR., '42	J. S. ELWELL, '43
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J. J. GUENTHER, JR., '42	G. F. MORSE, '43
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M. S. KIRKPATRICK, '42	J. L. BALDERSTON, JR., '44
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Awarded Cope Prize Bat—E. R. SCHEFFER, '41

Awarded Congdon Ball—A. R. POST, '44

Awarded Haines Fielding Belt—W. L. GRALA, JR., '43

Awarded Improvement Bat—K. J. FOREMAN, JR., '42

Cricket Schedule, 1941

Haverford.....	42	Tennyson	53
Haverford.....	44	Fairmount	118
Haverford.....	27	General Electric	75
Haverford.....	29	Univ. of Penna.	51
Haverford.....	67	Ursinus	31
Haverford.....	47	Princeton	35
Haverford.....	88	Univ. of Penna.	75
Haverford.....	34	Alumni	75
Haverford.....	42	Washington	86



Intramural Committee

INTRAMURAL ATHLETICS

Manager
GEORGE ALDRIDGE

Committee

THOMAS COCHRANE
NORMAN BROUS
LEE CHILDS

W. K. MILLER
CHARLES OLSON
DEE CRABTREE

Intramural Soccer

Team	Won	Lost	Tied	Points	Per.
Center Barclay	2	0	0	4	1.000
Lloyd	2	1	0	4	.667
Merion	1	1	1	3	.500
North Barclay	1	2	0	2	.333
South Barclay-Founders	0	1	1	1	.000
Day Students	0	1	0	0	.000

Play-off Game—Center Barclay—2; Lloyd—1.

Intramural Touch Football

Team	Won	Lost	Tied	Points	Per.
Texas A. & M.	3	0	2	8	1.000
Slippery Rock	3	1	2	8	.750
Wisconsin	3	1	0	6	.750
Virginia	1	4	0	2	.200
Notre Dame	0	4	0	0	.000

Play-off Game—Texas A. & M.—18; Slippery Rock—6.

Members of the winning team: Watson, McNeill, Hibbard, Weyerbacher, Simmons, Kent, Stuart and Willis.

Intramural Basketball

Team	Won	Lost	Per.
South Barclay	9	2	.818
Merion	9	2	.818
Day Students	8	4	.667
New Lloyd	7	4	.636
North Barclay	6	6	.500
Old Lloyd	4	6	.400
Grad.-Founders	1	9	.100
Center Barclay	1	12	.077

Play-Offs

No. 1

Merion vs.	1	2	.333
New Lloyd	2	1	.667

No. 2

Day Students vs.	2	0	1.000
South Barclay	0	2	.000

FINALS

Day Students vs.	2	1	.667
New Lloyd	1	2	.333

Members of the Day Students' Team: Strohl, Sixer, Ziegler, Brous, McLellan and Bedrossian.

Intramural Softball

Team	Won	Lost	Per.
Manna Marvels	4	0	1.000
Tenth Entry Club	2	3	.400
Phillies	2	3	.400
Slippery Rock Teachers	1	3	.250

Members of the Manna Team: R. Brown, Olson, Miller (R.), Aldridge, Wise, Fust, Childs, Worrall, D. Thompson, Longley, Bauer.

Badminton Singles Final

Hall Defeated Shipley.

THE NAUTICAL ASSOCIATION

The 1940-41 season was a successful one for the Nautical Association. Commodore Wright replaced Secretary Buttrick with Skerrett early in the season. Princeton turned a dual meet into eliminations for the M. I. T. dinghy regatta and Haverford won over Swarthmore, Rutgers and Lehigh. Ed. Scheffer, '41, and Ken. Wright led in the scoring with 21 and 20 points, respectively. Paul Bolgiano, '44, and Henry Skerrett, '42, crewed. The same group went to Boston October 26th for the finals. The Charles threw both Scheffer and Wright off their good form of the week before and Haverford failed to qualify for the Cup finals, finishing well up in the consolation division, however.

During the winter the Club hibernated. The only activity by members was their home club "frost-bite" regattas. Princeton issued an invitation for a triangular meet the first week in February, but vacationing yachtmen were unavailable.

The spring vacation found most of the members engaged in getting their own boats in the water, and the week after Easter sailing began again for the Club. Ken Wright, Scheffer, Dave Somers and Skerrett sailed at Annapolis in the eliminations for the Boston Cup. Drexel Institute qualified when a heavy sea swamped the meet in the afternoon. Haverford was only three points behind, with St. John's and George Washington trailing. Somers was second high scorer for the day, with Wright third; a St. John's man won the honors. A race was then scheduled with St. John's, but examinations interfered and the race was cancelled. Princeton J. V. and Haverford sailed a dual meet to finish off the year. Art Evans, '42, bested the field for high-scoring honors, although Haverford, lacking team-sailing, lost the best 4 out of 7. Final score: Haverford 2, Princeton 4. Skerrett, Elwell, Turner, and Rhinies Hopkins, Alden, Marshall and Bolgiano made up the team.

Next year's prospects are the brightest for a number of years. Returning are capable skippers Evans and Somers and experienced crewmen Skerrett, Bolgiano, Hopkins, Thacher and Newell. With plans underway to obtain boats if possible, the Club is becoming stronger. Penguins, which both Penn and Princeton are considering purchasing too, are under our consideration. Cat-rigged, they are good, sturdy knockabouts and can take all the punishment that experienced and inexperienced sailors can give them. Boats will mean three things: our own meets, practice during the college year, and possible membership in the Intercollegiate Yachting Association.

For next year the schedule is becoming full already. Princeton, Nichols' Business College, St. John's, Penn and Lafayette are to be met, with two eliminations and the M. I. T. and Boston Cup regattas. Contact is being made with Brown, Williams, Yale, Cornell and New Hampshire for meets. Haverford sailors will be all over the East, with the hope that soon Eastern sailors will come to Haverford.

